# THE MICHIGAN FARMER,

# A WEEKLY JOURNAL OF AFFAIRS

# Relating to the Farm, the Garden, and the Household.

NEW SERIES.

DETROIT, SATURDAY, JANUARY 29, 1859.

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# R. F. JOHNSTONE, EDITOR.

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# CONTENTS. On the Structure and Properties of Wool. Illustrations of Wool from pure breeds do do from cross breeds. Nothing to Sell—how it is Grown. Farming in Genesee County. Improvements in Swine. Agriculture in Iowa. Reapers and Mowers in Indiana. Mark B. Cockrill's Challenge. Home Notes. Home Notes. Chemical Classification of Plants. Sorghum Syrup. A heavy Hog—Skeleton of Black Hawk—Death of Melbourne Central Park, New York Trip up the Hudson. Trip up the Hudson. The Pear—its history and improvement. Horticultural Notes. Shade Trees, continued. Meeting of the Board of Agriculture at Washington. Farm Miscellanea—Ayershire cattle in Massachusetts —Worms in Horses—Operation on a Horse—Allen Sontag. Farm Miscellanea—Ayersmire catale in Alacasa 35 —Worms in Horses—Operation on a Horse—Allen Sontag. 35 Arabs and English Horses. 36 Answers to Correspondents. 37 The Agricultural Convocation at Washington. 37 Wool Illustrations. 37 The Jackson Agricultural Resolutions. 37 Literary News—Political News—General News. 37 Porrny—Life—The Red River Voyageur. 38 A Familiar Letter. 38 Household Varieties, 38 Reforming the Wolverines, Chapter V. 38 Ilousehold Receipts—To cook Celery. 39 Enigmas and Answers. 30 Markets and Prices. 40

# The Farm.

#### On the Structure and Properties of Wool.

The effects produced by crossing the breed of sheep considered, and practically demonstrated. BY HENRY GOADBY, M. D.

OR OF VEGETABLE AND ANIMAL PHYSIOLOGY, AND MNTOMOLOGY, IN THE STATE AGRICULTURAL COLLEGE OF

[Copyright secured Jan. 12, 1859.]

Continued from page 25.

The wool of a pure-blooded Spanish ewe is shown in fig. 11: it will be seen to compare very favorably with the Saxony wools. As the last of the fine wools, a specimen of a pure French buck is shown in fig. 12.

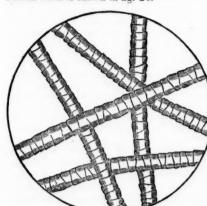


Fig. 11. The Wool of a pure Spanish Merino ewe.

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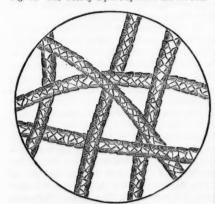
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THE



every attempt has been made to place the both wrong-nothing equals Silesian and Saxbusiness men, publishers, manufacturers of Agricultural subject honestly before those who it may conImplements, Nursery men, and stock breeders for advercern. so that, the evidence being fuirly stated each one may form his own conclusions and the rest; the facts however, revealed in conjudge for himself.

of the Saxony wools, reference is only inten- that the three gentlemen quoted are equally for the manufacture of very fine and superior pecially flannels are required, nothing can ex- they can damage an otherwise good wool .wold, or Leicester; these are coarse wools, Saxon; another records three-fourths French, especially the latter, but each of them of and one-fourth Spanish; another sevengreat beauty, and for economic purposes un- eighths French and one-eighth Spanish, while

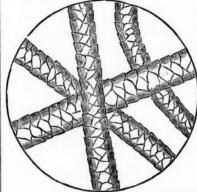


Fig. 13. The Wool of a pure Southdown sheep.

fig. 13, the largest wool measuring two squares of the micrometer, and the remainder a square and a half each. Fig. 14 represents a pure Cotswold, contributed by Mr. John Fig. 16. The Wool of a sheep bredigtom Silesian and Weaver, of this city and Canada, who obtained it at a yearly sale of Earl Bathurst's are in every instance much deteriorated in Cotswold stock; it was plucked from a year-

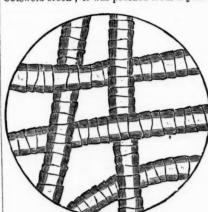
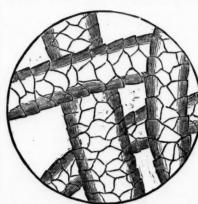


Fig. 14. The Wool of a pure Cotswold buck.

ling lamb, which had just been sold for upwards of fifty pounds sterling; it is evidently very pure, measuring the same size nearly as the Southdown, and, although coarse, a very beautiful wool. Fig. 15 represents a pure



Leicester, which may fairly be called a most

the must be borne in mind, that all these subject, it would appear that, up to the presence of an inch, and the Leicestershire wool, fig.

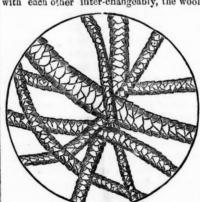
some of the neigh of all the not have much to sell by damaged. I did not have much to sell by damaged. I did not have much to sell of it.

REUDEN RAISENAUGHT.

some of the neigh of an inch, and the Leicestershire wool, fig.

wools of a Silesian buck and Saxon ewe—the

the greatest care; they form the cream of 80 | For the accomplishment of this object "cros- 15 four times that size. All the cross breeds | sire and dam of a lamb whose wool he also The Hithigan Farmer, preparations—the best out of upwards of 150 sing" is mainly resorted to; one farmer be-exhibit great variety of size;—some hairs forwarded; the examination of these specicern, so that, the evidence being fairly stated, and attention has been devoted than to all nection with the examinations, are as surpri-In advocating the claims to consideration sing as unexpected. The microscope declares ded to be made to the materials necessary correct in their opinions, because they are all wrong, and have been wasting both time and fabrics: but where warm clothing, and es- money, not to improve, but to see how much ceed the value of the pure Southdown, Cots- Some gentlemen prefer half Silesian and half surpassed; the pure Southdown is shown in another prefers three fourth to seven-eighths French and the remainder Silesian. Doubtless these gentlemon will be much surprised to learn, that in all these careful apportionings of the blood of different varieties, with each other inter-changeably, the wools



quality, and radically bad. In England, mutton is of far greater consequence than wool, and the only intention of crossing there, is to improve the breed of sheep; the French, preserve their merinos pure; the Spaniards, and the Germans do the same. The great, and surprising superiority of the Saxony cloth arises from the fact that it is made of a fine,

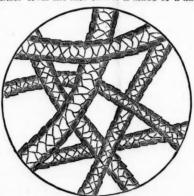


Fig. 17. The Wool of a sheep bred from Spanish

French parents. and pure wool. As this has become essen. tially a wool-producing country, the following facts will commend themselves to the serious consideration of the wool-growers, buyers, and manufacturers; bearing in mind that the author has no interest or motive to that the author has no interest or motive to and Leicester parents.

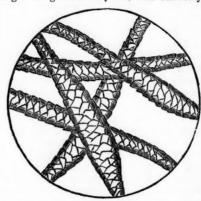


Fig. 18. The Wool of a sheep bred from Silesian and

bulging out to greatly increased dimensions. This, as shown by the figures, is the constant differing in degree as regards the irregularity of blood on one side: in other words, the nearer the blood approximates purity, the less this characteristic is perceptible.

A specimen of Silesian and French is represented at fig. 16; in this wool the distortion is very considerable. Spanish and French appears to fare no better, if we may judge from the appearance of it as represented in

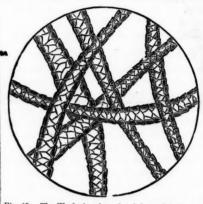


Fig. 19. The Wool of a sheep bred from Silesian an

Spanish parents.
fig. 17, so too Silesian and Spanish make a bad figure, as shown in fig. 18, while Silesian and Saxon is fully as badly represented in fig. 19. Southdown when crossed with Leicester seems to suffer very considerably, if we may judge from the miserable appearance it pre-

These distortions are sought for in vain in



and Southdown and Leicester. By examilittle smaller than the average, each being ning figures 16, 17, 18 and 19, taken from straight, and of uniform diameter throughout these wools respectively, it will be at once ap- until it nearly reaches the extremity, when, them, except three caives that I got \$3,00 a parent that these, as compared with the if it have never been clipped, it gradually diwools of the sires, and dams from which they minishes in size, and terminates in a fine point

acter. viz: unequal size in the hairs collec- It appears to be a never failing contingenmagnificent wool. This is the same wool tively, and great inequality of the hairs in- cy associated with the wool of cross-breeds, that was treated with caustic soda described dividually. It must be remembered that that they are invariably distorted; the wool in fig. 4; by compar ng these figures, the great all the wools figured in illustration of this of each parent is occasionally represented beenlargement of the tissue, caused by the paper, have been uniformly drawn by means side an enormously enlarged and considerance not fit for sale now, and those I raised last chemical re-agent, will be apparent.

A great and laudable desire has long been manifested, in this country, to improve the quality and fineness of wool; from the diversity of opinion exhibited in relation to this themselves: thus, fig. 10 measures, as seen in sity of opinion exhibited in relation to this constant.

A great and laudable desire has long been magnifying power of 500 diameters, and so carefully, and accurately that the figures are, in all respects as good as the preparations themselves: thus, fig. 10 measures, as seen in importance in prosecution of these research land considers to this State, bly distorted hair. Mr. Gillett, of this State, came to have no pork to sell. There is need of mentioning that the wheat crop of which in all respects as good as the preparations carefully selected, that they proved of great importance in prosecution of these research land those I raised have been by distorted hair. Mr. Gillett, of this State, contributed a very valuable parcel of wools for examination, so judiciously arranged and considers.

specimens—and, with the exception of the lieves that Silesian and French is the best being fine and well formed, similar to the wool mens was as gratifying as the results (to the Saxony wools, they are much above the av- cross; another says, no, not Silesian-Span- of one of the parents; others presenting re anthor's mind) were conclusive, and the theoerage; but the question under discussion ash and French, makes by far the best cross; markable irregularity, some portions of its ry involved in these investigations might fairmust be deemed a most important one, and while a third exclaims, gentlemen you are length being moderately fine, then suddenly ly be permitted to rest on these three wools alone, for they satisfactorily expound the whole history, which the remainder of the preparations have only confirmed.

( To be continued.)

# Nothing To Sell—How the Crop is Grown in Michigan. MR. EDITOR:-Your last number, if only

read by the farmers of this State, ought to set them a-thinking. I am one of those who have been raising that crop which your Pontiac correspondent speaks so depreciatingly about, and I have got now more of it on my farm than I know what to do with .-About this time last year I set to work to raise this crop, and the first thing I did, was to do nothing, except to sell off nearly every bit of stuff I had, and use up all the proceeds in part to pay interest on money that had been borrowed to help to buy a forty acre and universal character of cross-breeds, only lot, that I took a fancy to own two years ago, because it lay across the end of one of my fields, and the rest went to pay the interest on a mortgage on the farm I live on, and to repay money that was borrowed to pay the taxes; perhaps you will think that I raised a good deal of that crop of "cothing to sell" last year as well as this. Well when the stuff was all sold off, you see it was pretty hard work to get along, for I did not have much corn to give to the work team, when their work was wanted the most. I would have liked to have got the ground ready for spring crops, but the teams could not pull me thro', so I had to work them light, and as I had let the fall go past without doing any plowing, it had all to be done in the spring; I did not get much ground sown with either oats or barley, until it was late, and these crops did not do well with me. In fact they did not give back the seed. I did not have time nor help enough to get the manure out, and it lies in the yard yet. But I don't think it was much of a loss, for the straw on which the cattle mostly fed, when they were let out, was in a field some distance from the barn, and some of the neighbors said they guessed there was more dung left on the road between the yard and the stack, than there was in the yard.— Well, when I found I could not get much of an early crop in, I got in my oats as soon as I could, but the wet time made it so late, that they had no chance to grow, and where I had some sown pretty early, the water drowned it out partially, for there was no time to make furrows to let the water off. The corn crop did not do well, although it was planted on a good old sod that was turned up fresh on purpose to give it a chance. The ploughing of this field was done in a hurry, as I wanted to get some ten acres in before the middle of June; and of course the ploughing was not very deep. The season was bad for corn; mine did not do well; it did not seem to grow much, and after it got well started, the ears did not fill out, as I hoped they would. My whole crop off the ten acres did not yield much over 250 bushels of ears, but it was the best crop I had.

My sheep did not turn out very well, owing as I think to the season. They had all they could eat of good marsh hay, and they run the spring, a good many of them lost their fleeces, and out of 75 ewes there was only raised ten lambs. I lost five ewes by sickness, and the dogs got at the flock two or three times, and caused the loss of eight more, so that I have not now got as many as I had last winter, and you will see I have had none to sell. I don't keep much stock, except the sheep and work horses because it takes too much help to take care of them; but last crosses figured are; Silesian and French: pure wools of any variety—they are never to spring, it was so long before it come warm, spanish and French; Silesian and Saxon; be found; the hairs are a little larger or a that most of the cattle kind came on to grass very poor, and they kept so thin all summer that they did not grow enough to pay for their keep, so that I had nothing to sell from piece for from the butcher, when they were eight weeks old. The sow had bad luck with wools of the sires, and dams from which they came, have manifestly degenerated, and that fig. 21: if the points of human hair, or of the deterioration is always of the same charwool be once cut off, they cannot be renewed. cause, as they seemed to dwindle and droop every day. The two shoats are good for next year, as they have had the run of the woods all summer and fail, and looked first rate

#### FARMING IN GENESEE COUNTY-

AGRICULTURAL PAPERS - HOGS - CATTLE PUMPKINS-BARLEY WITH FLAX.

FRIEND JOHNSTONE-Dear Sir: I have recived the first number of your valuable paper and feel quite anxious that my neighbors would take it, and have been trying to get up a Club in my neighborhood, but have not ted the plan of using plenty of seed, I always succeeded very well. Some would like the paper if they were able; others have no taste for reading agricultural papers, and some do not take any paper. I think that class of men deep, and plant to corn, turn the same ground must know little of the world, and less of back as early the next spring as will do, and themselves. I look upon that class as self- sow as early as the twentieth of April and conceited and willfully blind as regards their not as late as May. If the plow leaves the own advancement, and the best interest of ground rough, I would pass over once in a their family; and it is surprising to hear the place with a drag. Sow and cultivate once, foolish excuses that some will make. I can- and then drag and roll. On rich land well not help thinking that many are blinded by blind ditched, thirty and forty bushels can be the one thing needful, which they have a plenty of, and do not wish to part with any portion for more knowledge, that will make them wiser, and what I call of more value than gold that glistens. I think a man who is rearing a family is in duty bound to take some useful paper that they can have a chance to know what is going on in the world, and also acquire a taste for reading that every one ought to have in order to have the mind improving, and form such habits and tastes that will generally last them through life; "for just as the twig is bent the tree inclines."

I shall use my influence to increase the circulation of the FARMER, as I consider the paper mine and not yours; it belongs to the cleaning. I would further recommend to farmers-the child is ours, and we must those that have not commenced blind ditchnourish it till it gets to be a man, and let the ing, to delay no longer, as the past season has older States know that those who were once convinced me more fully of the great advanweak and feeble in infancy, have become tage of ditches. I would refer those that giants in the earth, and are ready to go forth have not seen my mode, to the July number to slay the enemy and drive back the powers of the FARMER. Not seeing any communiof darkness, and let that light shine that will cation in the FARMER from this county since tell in the future.

The farmers of this part are in good circumstances, and there is not one but what is able to take as many papers as they could they have adopted the old adage, "that a find time to read. But in this farming community, there is a small part as a general thing, that you can get to take an agricultu- I wish those that are far superior in qualificaral paper, which is the very thing that a far- tions, would not leave such a noble work for mer wants to get the experience of others.

Now I would like to give my experience in keeping hogs. I find that farmers in this section of country, keep too many hogs; they do not make as much pork as they could from less. A very good way in my opinion is for a small farmer to keep two, and keep them in improving more than the Swine of our coun- money appropriated, and about 3,000 acres a pen or a small lot, and when they are fat and dressed, get a couple more. I prefer long-snouted, slab-sided, long-legged, humpkeeping a brood sow and have pigs about the first of April, and make my pork of pigs; I have tried it till I am satisfied that it can be done without as much expense as to keep hogs till they are much older. I tried four last season, 1857, and four this season, 1858, and am well satisfied that I never made pork cheaper, although I did not weigh or measure the feed given them. But my plan is to give which wants to be scalded and made thin when fed, and in cold weather milk warm; first month; give a single handful of charcoal on having bought "a lot of heavy hogs."-

you do not have good pork, and as cheap as weighed from 350 to 400 pounds. Their you ever made, please send me word and I heads were the largest part of their carcasses; will try and come over and see what the mat- whence, they gradually tapered to their exter is with them. My pigs at eight months tremities. Their ears were decidedly mulish; and twenty days old, weighed from 285 to long, pendulons, with a slight inclination 320 pounds dressed weight. All kinds of backwards. Their legs! well, they were legs, hogs will not take on fat so young as the as is legs! Some one remarked; "they would Suffolk, but almost any good breed, crossed do to fill the pork barrel;" but I thought with the Suffolk, will make them much better they would illy suffice to fill the half famto fatten while pigs. I think it would well ished maws of the back-woodsmen of the pay every farmer that has not a breed that will mature young, to take a little pains to secure such.

I would advise every farmer not to keep any more stock than they can keep well. A little corn or oat meal given to cattle thro' the winter months, pays better in a long run than to sell all for a high price. Young stock well kept through the winter months, come to maturity one or two years sooner. My two year olds are fit for the market, and some of my neighbors are not heavier than my yearlings, bred from the same bull. So I am convinced that a little extra keep makes the difference. I like meal better than roots I would recommend the plan of raising a few hundred bushels to feed in the spring, and pumpkins to feed in the fall.

What is the cost of raising pumpkins com-

corn, and I do not think the corn was any and quality of food, mode of preparing and lighter for the crop of pumpkins, and they feeding the same, amount of food necessary will keep till quite cold weather by covering to make a pound of pork, &c., all of which, generally be depended on, if plenty of seed is used, and the soil is rich. I think two paltry sum of \$5,00. For all practical benequarts of good seed is enough per acre to insure a crop in ordinary seasons. Since I adopget a good crop on corn land.

The way to raise good barley, is to turn over clover sod in the spring about eight inches raised from an acre, and good wheat has been raised by sowing the same ground in the fall then seed to clover; this makes a good rotation of crops. I like sowing about five quarts of flax seed to the acre after I have sowed and cultivated my barley. One object of the flax is to help hold the straw together in harvesting and drawing, as all experienced men know that it is quite a difficult job to draw barley that is not bound into bundles, and another object is, it makes the straw to feed stock much better, and I think the barley crop will be as good as though the flax was not sown with it, and what seed matures will pass into the screen box and be saved in the July number, I have about come to the conclusion that I have spoke the mind of all, and there is nothing more to say, or else wise head has a closed mouth." If they intend to keep what they know to themselves, a cripple to do. I must close for want of C. C. P.

#### Improvement of the Breed of Swine.

try. In proof of this, witness the herds of backed, thick-skinned brutes, which throng our streets and highways. Such animals are as insatiable as the leech spoken of in the Scriptures; and they constantly cry, "give, give." One ear of corn a day would hardly suffice their voracious appetites. They must get their growth, before they will fatten; which usually requires a year or more. To the sow a good chance to pasture and plenty bring them up to the fatting point, as much of good food to increase the flow of milk, as food is consumed as would be necessary to the pigs advance in size, and so continue the fatten the right kind of a hog. Besides, a feed, and as soon as the pigs are old enough large amount of their food is absolutely wastto eat, fix a trough so that the pigs can be ed in growing their long snouts and ears, their fed, and give them all they need to make long coarse hair and Shanghai legs. Many them thrive fast, and let them run with the think, if a hog is heavy, it is the hog; not sow till time to commence fatting. At six thinking, that a large amount of this weight months old they can be fed on whole corn for may be made up of waste material. I saw a a month, and then ground feed is better, load of pork, of this description, in market the other day. It was readily purchased by feed no more than they will eat up clean and the highest market price. He prided himself a gentleman from St. Clair county, at \$6,40, to each pig once a week, and a tea-spoonful They did really look as though they might weigh from 400 to 500 hundred pounds each; Now, brother farmers, try my plan and if but when tested by the scales, they only

North. What we want, is a breed of hogs that will fatten at any age, and that will make the greatest amount of pork from the least amount of food. A pig, that is of good disposition, that will fatten at any age, that will make \$6,00 worth of pork from \$4,00 worth of food, that will make from 250 to 300 lbs. of pork at from 8 to 10 months old, comes up to my idea of a pig. A series of experiments, tending to show what breeds of swine, what kinds of food, how prepared and how fed, are necessary to produce the above desirable results, would be of incalculable benefit in cold weather, and roots in the spring, and to the farmers of the country. It is to be regretted, that our Agricultural Societies do not see the importance of this subject, and offer an award that will bring out these facts. Our Society offers a premium of \$5,00 for

I could feed for the last two years among my of the breed, the age, the weight, quantity but which could hardly be elicited by the fits, this premium, as it now stands, had better be stricken out entirely.

J. S. TIBBITS.

#### Agriculture in Iowa.

Livonia, 24th Jan. 1859.

EDITOR OF MICHIGAN FARMER:-Iowa was never more agitated on the subject of Agriculture-improved agriculture-than her citizens have been the past year and are now; and I am happy to add that this interest is ter, appropriating \$10,000 for the purchase lege, was an advance step which gratified her people as well as surprised and elicited the lish such an institution; Iowa, prompted by answers to the following rules adopted by so noble an example, has been the first to the committee: Board of Trustees, one from each of the eleven judicial districts, and made the Governor and President of the State Agricultural Society ex-officio members—thirteen in all.—But the first meeting could not be held until the second Monday of Lengary. On the state of the State Agricultural Society ex-officio members—thirteen in all.—But the first meeting could not be held until the second Monday of Lengary. On the state Committee:

First Rule—Quality of work—grain wasted—standing—beaten down. Gavels—manner left—compact or scattered—labor to take up and bind—where delivered. Work—ability to —about stumps, &c.—rough or uneven ground—in tangled grain—liability to clog.

Second Rule—Number of horses to work machine—work performed in a given time. the second Monday of January. On that day nine of the Trustees assembled in the Senate Chamber of the capitol and organized. Proposals having been invited for the sale or donation of lands, money, &c., for the college and farm, the Board had before them propositions from Polk, Marshall, Story, Kossuth, Johnson, and Delaware counties, which ranged in amount from ten to thirty thousand dollars in value. They were placed in the hands of a committee to examine, together with such others as may be presented previous to the first of May next, who are to report, after examining the sites offered, to an adjourned meeting of the Board on the 6th day of June next, at which time the location will be made. From present indications, wherever the place selected may be, the institution will probably have donated sufficient land (640 acres) and money and mate-Perhaps no class of domestic animals need rial to improve the same. These, with the of about \$30,000 or \$40,000, which may be directly applied to the educational department.

> The election of President and Professors was postponed to the next meeting of the correspond with parties all over the Union, in regard to the selection of persons suitable to fill these responsible positions, who are to report the result of their inquiries at that time. I will mention the committee, so that those wishing to correspond may know whom and Wm. Duane Wilson, of Desmoines, Polk county.

in June.

A large number of the leading farmers of the State Agricultural Society Board, which commenced its annual meeting here.

Iowa has now sixty-two organized County cieties; of these there were twenty represented in the Board, in addition to the officers and ten directors. Z. T. Fisher, Esq., Mahaska county, was elected President of the Society; W. W. Hamilton, of Dubuque county, Vice President; J. H. Wallace. of Muscatine, Secretary, and Robert Seevers, of Mahaska, Treasurer—all for one year. Considerable competition existed for the location as they are said to be express animals. of the fair this year; Davenport and Iowa City against Oskaloosa, where it was held last year. The latter succeeded. Many interread and discussed in the evenings during the Yours, &c., session.

PROGRESS. Desmoines, Jan. 15th. 1859.

on the theory that it is inexhaustable, whose entire wealth might not purchase the raw material-the magnesia, lime, sada, potash, phosphorus, sulphur, carbon, nitrogen, &c., necessary to make a single acre possessing primitive fertility. Thus the accumulated store o pared to other crops? I have raised all that the best fat hog. No statement is required ages passes away in a single generation.

#### REAPERS AND MOWERS.

The State Board of Agriculture of Indiana have published in the Indiana Farmer, the them up with straw; and I think a crop can is of the utmost consequence and importance; report of the committee which made the test of July, 1858. The results of this examina- to come forward and make the triels. tion and trial are, that the first premium on Reapers was awarded to Mr. J. J. Mann's machine, with Watt's improvement, and the second was made to J. J. Mann's reaper.

There were eight entries of Mowers, the first premium being awarded to Altman & their chemical compositon. The ash of the Millers's, and the second to H. F. Mann's improved Great-Western.

There were nine entries of combined machines; the first premium in this class was awarded to Kirby's combined Harvester, and one of its special commendations was that it increasing. The passage of a law last win- was beyond all question the lightest draft machine on exhibition. The dynamometer of a farm on which to open a Farmer's Col- in the track showed a draft only equal to 170 pounds, with a variation of 100. None of the others were below 250, with a variation admiration of her sister States. Michigan of 200 pounds, while moving. Accompanywas the first of the United States to establing the reports were a series of tables giving

Second Rule—Number of horses to work machine—work performed in a given time.

T'rrd Rule—Materials for machine.

Fourth Rule—Workmanship—defects—na'ure—locality—consequence of defects.

Flfth Rule—What points of machine heated—rubbed.

Sixth Rule-Oiling machine-access to boltso screws—to nuts.

Seventh Rule—Moving machine from place to

place—arrangements for.

Eighth Rule—Bearing of machines on neck of

orsës.

Ninth Rule—Cut of Machine—width—evenness.

Tenth Rule—Power required—total to do work—side draft—surface draft.

Eleventh Rule—Throwing machine in and out f gear, facility for—to grind knife—to raise or ower same—to change from reaper to mower, and wice person.

and vice versa.

Twelfth Rule—Cost of machine—combined.

Thirteenth Rule—Grain per acre estimated.

Fourteenth Rule—Weight of machine

Fifteenth Rule—Which would you purchase for use were you in want of a machine?

#### A Test Challenge.

Mark R. Cockrill, of Nashville, Tennessee, long known as an agriculturist of much eminence, has just issued the following challenge, for the purpose of testing certain disputed of land in Jasper county, will give us a fund points relative to the speed of the horse and

EDITOR OF PORTER'S SPIRIT-Dear Sir: I have said that the culture of Fine Wool could be successfully carried to low latitudes, even to the cotton climate, of 32½ ° N., and think that a soft climate will produce a more Board, and a committee was appointed to soft and perfect wool than the far-famed German province, Silesia. This is doubted by many. I, therefore, propose to select five sheep from my flock, three ewes and two bucks, and show for \$2,000 a side, against any five sheep selected from one flock, ewes and bucks as above. All the world are requested to compete, making as many entries as they may think proper. The sheep are to be to address; they are: Hon. G. W. F. Sher- healthy, so as to make a fair comparison; win, of Sioux City, Woodbury county; Suel each party entering having a right to select a fair and equitable share of the judges, who are to number not less than five. The premium to be awarded to the party who has

\$2,000 a side, starting two blood horses, (as A Heavy Hog. Agricultural Societies, and two District So-sisting of these there were twenty represent-ting stock in the world. But the parties contending are not to start more than two, and to clearly establish that they do not enter the blood horse, or even an animal half of that blood. Each party carrying one hundred and fit. The animal traveling the greatest distance in two hours around the Nashville Track, is to take the whole prize. Camels The Skeleton of Black Hawk.

3. I believe that the mule is a better animal for the lab r of an army and the general drudgery of the country, than the camel or dromedary. But little can be effected by esting essays on agricultural topics were men or animals, without water. I am there-read and discussed in the evenings during the Government for the importation of those ani-

To test the value, I will compete with two mules against two camels or dromedaries, each to carry six hundred pounds, (the weight it is Men waste hundreds of acres of land said the camels transport,) as they think proper, upon wheels or not, for \$2,000 a side -The party to take the whole prize, that transports the above weight the greatest distance round the Nashville Track in two success ive hours. I propose starting two animals for fear of accident. All entries to be made as above, on or before the 20th of April next, of the Palatine Stakes.

but the test to be made during the second week of May, 1860, continuing from day to

These tests are proposed to be all made uphave published in the Indiana Farmer, the report of the committee which made the test of Reapers and Mowers at Laporte, on the 7th a test. All the world are respectfully invited

#### HOME NOTES,

Chemical Classification of Plants.

The numerous analyses made, enable us to make a classification of plants on the basis of grains abounds in phosphoric acid, it is the leading constituent, omounting to nearly onehalf. The office of this compound is very evident, the bones of animals being composed mostly of phosphoric acid and lime. The grain also possesses a large amount of potash, but not equal to the phosphoric acid. The straw which supports the grain contains an abundance of silica. It is this which gives the straw its stiffness, its elastic strength .-On soils deficient in silicia the straw will

The grasses abound in lime. They contain, it is true, considerable potash and silica, but the lime being present in greater proportion than in other plants, it may be regarded as their chief characteristic.

The ash of the root crops, such as the potato and turnip, is rich in potash.

We may adopt then, the following classification:

1st. The phosphoric acid plants, the grains.

2d. The potash plants—the root crops.

3d. The lime plants—the grasses. And 4th, we may refer the different kinds

of straw to a class by itself, as they are all characterized by an abundance of silica.

The lesson taught by this classification, no one can fail to discover. The phosphoric acid plants rapidly exhaust the soil of phosphoric acid, the potash plants of potash, and the lime plants of lime, while the straw draws heavily on the silica. Practical agriculture which disregards these facts in vegetable growth, cannot secure the greatest productiveness of the soil, and how can correct principles be applied unless first understood and to chemistry alone are we indebted for disclosing the exhaustive tendency of the several crops, and hence dictating the proper manures to apply .- Prof. Fisk, in Ingham County Address.

Sorghum Syrup.

The Prairie Farmer has been presented by a Mr. Peck, with one of the best samples of syrup from the Sorghum that has been shown in Illinois, and the mode of manufacture is given as follows by the manufacturer:

"The juice was pressed from the stalks with two upright wooden rollers, a sweep fastened to the upper end, similar to a Yankee cider mill, worked by one horse. We could not express all the juice with wooden rollers. Strain the juice as soon as it is pressed out, cleanse with lime-water; use a piece of good unslacked lime the size of a hen's egg, put it into a pint of water when slacked, and stir and mix it well. Add this to twenty quarts of the cane juice or sap, and to this add the white of four eggs well beaten, stir well and put it in an iron kettle and over the fire for boiling; skim the scum off as it rises, being careful not to let it (the scum) boil in. We three sheep out of the five that have the most soft and fine fibre of wool. Entries to the thickness wanted for syrup. This was the two years, and Richard Gaines, Esq., of Jefferson county, was elected Treasurer for the term of one year. After a session of two days and a half the Board adjourned to meet in June. to take place on the Nashville Track, on the second Monday in May, 1860, giving time for importation, &c.

2. It appears that the "fast boys" are about to trot down all of the blood stock of horses in creation, and deteriorate their blood. Believed as I do that the great blood horse is experience. That the syrup should be manufactorised by the state of t the State were in attendance upon and man- lieving, as I do, that the great blood horse is experience, that the syrup should be manufacifested much interest in the deliberations of the proper horse for cavalry or express, or the Board, many of whom were delegates to the long continued work, I hold him to be frosted. If the cane as soon as it is ripe or frosted. If the cane stands a week or two afthe best breather, and the most active and strong of all the horse race. I therefore, pronot so pleasant to the taste. It is more acid, pose for the public good, to compete for and resembles pumpkin molasses in flavor.

John Dunning, of Unadilla, Livingston county, Michigan, has slaughtered a hog which is claimed as the heaviest ever raised in this state. His weight previous to being slaughtered was 965 pounds and after being twenty-five pounds, in any mode they think dressed 772 pounds. We are not informed of his age. We guess New Hampshire will have to "give it up," and come down.

> Dr. George Dadd, the celebrated veterinary professor, has articulated the bones of the celebrated Black Hawk, and the skeleton is to be placed in the rooms of the State House at Boston, which are provided for the reception of specimens of the natural history of Massachusetts.

Death of a celebrated Race Horse.

Melborne, a most distinguished stallion, and English race horse has been killed by order of his owner. He was twenty five years old. His most distinguished sons were West Australian, and Sir Tatton Sykes; the sire of "Old Melbourne" was Humphrey Clincker and his dam was by Cervantes. Melborne started eighteen times, and won nine times, his most distinguished feat being the winning

# The Garden & Orchard.

#### CENTRAL PARK, NEW YORK.

This great public work is located entirely above the compact portion of the city, extending from Fifty-ninth to One Hundred and Sixth street, a distance of about two and a half miles north and south, and lying between Fifth and Eighth avenues, about one half mile in width from east to west, with a total area of somewhat more than eight hundred acres. In this area are included the old Croton reservoir, covering thirty-three acres, and also one hundred and seven acres reserv. ed for the site of a new reservoir, which is being constructed simultaneously with the surrounding improvements.

This park was located on lands previously laid out in city lots: the location being made by commissioners appointed for that purpose, that the total cost of the park, when complete,

of the most sterile, rocky, and forbidding ed with flowers. tracts than can be imagined. The whole cases rising into immense knobs, often half an acre in extent, and thirty or forty feet in height. Some of these are to be covered with soil and planted, while others are to be removed by the slow process of blasting. Many portions are marshy, and require of half a day. thorough underdraining. About four hunof forty feet apart. The tile for this pur-The outfall of this system of draining is made which Young America is to have the privilege of disporting himself, when the elements shall permit, provision being made to supply directly from the reservoir.

Thoroughfares traverse the grounds at irregular distances, passing from street to street, directions through the grounds, are carried bridges, in order that the business that may

be transacted across the grounds may not interfere with pleasure seekers.

Of course care is taken to spare the many fine trees already standing upon the grounds; and, in addition to these, large quantities of trees, thirty or forty feet in height, are being entrance, and by dint of frequent inquiry, brought in and planted, with roots and tops nearly entire, so that they need receive little to the city, to depart on the morrow for my if any check from removal.

This great work speaks volumes for the foresight, liberality, and energy, of the great commercial metropolis. It is a work, indeed, which has no parallel on this side of the value of the ground appropriated, and its still longer in the city; among which were the exceedingly forbidding character, we may opening of the Fair of the American Instiquestion whether it is exceeded in the old tute on the morrow, and the launch of the world.

tained in the above, the writer is indebted to of Wm. Reid, of Elizabethtown, N. J., but an article in the Gardener's Monthly, for Jan- there were many places also to be visited on uary, 1859. For the privilege of examining my homeward route, and the next week was an extended plan of the work, he is indebted to usher in our annual State Fair; so that I to the courtesy of those in charge of the found myself obliged to forego the pleasure State Arsenal, adjoining the grounds. This of longer continuance here. Accordingly has also been purchased for the benefit of the I bade adicu to "mine host" of the Blanpark, and is of course to be removed, or devoted to other purposes. Here are deposited over the Hudson River Railroad, amid the large quantities of ordnance, and military equippage; among which the writer observed several pieces captured from the British during the revolution, each with the time and little opportunity to note objects of interests. place of capture engraven upon it. These Indeed, the manner in which we were hurried, are no longer employed in the service, but are now along the very verge of the stream, now carefully kept as mementoes of the past.

As the week was now spent, the writer determined to remain until Monday, and improve the opportunity to listen to a sermon from that popular but somewhat eccentric minister, Henry Ward Beecher, of Brooklyn. Accordingly, at the proper hour, he set out myself in a small, unpretending, quiet place, for that purpose, anticipating some difficulty with but little evidence of thrift or enterin finding the place; but it was only necessa- prise-apparently a consequence of the adry, on reaching Brooklyn, to follow the

what in advance of the time, it was found already filled with a dense crowd. A seat Iona, to visit the establishment of Dr. C. W. home thrusts at the prevailing sins of business men, at whom it was chiefly aimed.

After the conclusion of the services the informed that admissions on the Sabbath tion with this mode of treatment, were restricted to holders of lots, in order to under a special act of the State Legislature, keep the place quiet on this day. In consideassessed value of over five millions of dollars, are mostly located upon the sides and sumand the amount assessed for increased value mits of the hills. Advantage has apparently will not be less than ten millions of dollars. part, carefully kept. Many of the lots are feet, with the wood already well ripened. This gigantic work is located upon one neatly fenced, beautifully laid out, and plant-

tract seems to be underlaid with solid rock, sheets of water, supplied by jets d'eau, in the form of boulders, of all sizes, while face, doubtless tend to prevent stagnation,

> grounds tends greatly to increase their apparent extent; but the real extent is far too great for even a general glance, within a visit to bear neglect like some other kinds.

In this forest of monolyths, by which dred acres are to be traversed by underdrains, money seeks to perpetuate a name, perhaps, from four to five feet deep, and at distances in many cases, only notorious for extortion, or the "thrift that follows fawning," there are during the past season, which, should it prove 586 varieties of the pear; forty of these vapose are obtained at the Albany Tile Works. but occasional marked departures from one a permanent difficulty, must become a serigeneral idea: that of the single column; al- ous drawback upon its value. This, however, to supply a skating pond of twenty acres, on though a few were observed in the form of a chapel, with a vault.

Among those noticed, which were interesting to the general public as reminiscences the deficiency of the drainage, if necessary, of the past, were, one believed to be raised at the public expense, to the memory of the Near the northern extremity is to be a firemen who perished in the great fire, in the parade ground for the convenience of the winter of 1855 and 1856; also a very modmilitary; while in various localities are pro- est column erected to the memory of George vided play grounds, promenades, flower-gar- Steers, the designer of the yacht America, strong and vigorous grower; although the pa- brated horticulturist, and vegetable physiolodens, and an arboretum: for which purpose which won for our nation so enviable a repularge quantities of trees are in process of tation at the time of the great London exhibition; and also the designer of the Niagara, equally well-known for her performance in the laying of the Atlantic Cable. It was while the carriage drives, which meander in all pleasant to reflect, while gazing at this unpretending shaft, that the genius that had over these thoroughfares upon substantial elaborated these great results, had, at the will live long after this memento shall have crumbled to dust.

After wandering about till the lengthening shadows began to urge the necessity of departure, I turned reluctantly towards the once take the front rank; but it is, beyond soon made my way out, and took the route western home. T. T. LYON. Plymouth, January 15th, 1859.

#### A TRIP UP THE HUDSON.

mammoth Russian ship, General Admiral .-For much of the statistical information con- I had also intended to visit the establishment card house, and soon found myself coursing grand and much-talked of scenery of that noble river. The rapidity with which a train is whisked along over this road, leaves but directly out into its waters, and anon plunged into the base of some rocky ledge, or driven along the bottom of some deep and narrow ravine, was, occasionally, rather startling to one but little used to such scenery. On reaching Peekskill, I left the cars, and found and floribundus may be planted in May, in a light

Engaging a man and boat, I set out for was however obtained, although a large Grant. Meeting him, on his way to Peeksnumber of listeners were less fortunate.- kill, to take the cars for Boston, his foreman The most notable peculiarity of the took me in charge, and conducted me about speaker, to a person seeing him for the the premises. The establishment is located contrast with the prominent position he an elevation of twenty or thirty feet above the was marked by simplicity of diction, and was cipitously, more than a thousand feet; so that rections. Judging from what is still to be and presenting myself at the entrance, I was devoted, give abundant evidence of satisfac-

> The Delaware Grapes that attracted so much attention at the recent Pomological

The labyrinthine arrangement of the ripened off in good season, and of good quality. It is beyond doubt a fine and valuable variety for our State, but it is said not

Rebecca was also in bearing here, and is

tle this question. Here, also, I saw the original vine of the Anna grape, for which the Dr. paid fifty dol- Wormsley Grange, in Herefordshire, England, sorts of the pear. lars. This variety is now offered for sale for August 12th, 1759, and died May 11th, 1838, the first time. It appears to be a healthy, in the 80th year of his age. He was a celerent plant is far from healthy, having gist. As President of the London Horticulnever, apparently, recovered from the shock tural Society, he was highly esteemed. He of removal. Connoisseurs who have had the was the author of many valuable tooks, and privilege of tasting, speak of it as a varie- was a frequent contributor to horticultural ty of much promise, but the writer had not publications. In a letter to a friend he says: thought so highly of it, although the specimens he tasted were hardly mature. Should of fruit I saw came, and how they were prothe Rebecca prove a failure, this will proba-

white grape. Clara is another recent seedling white grape of the finest quality, fruiting here; and, were its hardiness established, it would at doubt, the offspring of foreign parentage; and, although it is hardy within the city limits of Philadelphia, where it originated, its hardiness, elsewhere, is generally considered quite problema ical.

The Dr. has also quite an extensive vineyard, mostly planted with Isabellas and Ca-Looking about me on Monday morning, I tawbas, which he cultivates in the thorough of fruit for the market.

Here also I saw a few young plants of Downing's Everbearing Mulberry, which is now for the first time offered for sale. It is an exceedingly rapid grower, making single shoots of almost fabulous height. It will doubtless be much sought after when once known, as, in addition to its everbearing quality, its fruit is of excellent flavor.

The head of this establishment seems to aim at the procuring and propagating of novelties in his line of business, to supply the first demands of the market, at high prices. The state of his grounds clearly indicates that he understands his business, while his schedule of prices shows that he keeps a sharp lookout for the main chance.

After spending two or three hours here very pleasantly and profitably, a boat belonging to the establishment conveyed me to the adjacent landing, where I took passage by 

Plymouth, January 19th, 1859,

#### The Gladiolus.

The varieties of the Gladiolus racemosus and soil, well manured with old cow manure. The space to be kept between the strong flowering bulbs, where they are planted in beds is from six to eight inches. The bulbs after the flowering vent of railroads, which usually build up season is over should be taken up and dried, and greatest crowd. Reaching the church some- important points, but dwarf the minor ones. placed where they will not suffer from the frost.

#### THE PEAR.

BY PROF. J. C. HOLMES, LANSING.

(Continued from page 27.) Van Mons commenced his experiments in a

nursery bearing the name of La Fidelite, but first time, is his apparent youthfulness, in upon an island, situated in a nook or bay, with being called to be Professor of Chemistry at the University of Louvain, he transferred, occupies before the public. The discourse river, while the mainland on each side, rises pre- in 1819, his seedlings to that place, and he continued his researches until 1842, the time some valuable sorts. But I am confirmed in plain, practical, and pointed, with many the grounds are effectually sheltered in all di- of his death. The first catalogue of his new varieties was printed in Louvain in 1823. seen, the place, in its wild state, must have He did not prefer the seeds of the finer varibeen very rocky and forbidding; but labor eties to plant to obtain more ameliorated remainder of the day was devoted to a visit and money have, obviously, been employed kinds, but his theory and practice was, to seto Greenwood, the City of the Dead, which without stint. The ground has been thor- lect the most thorny plants, provided they is distant rather more than a "Sabbath day's oughly trenched, and manured, to the depth were furnished with many buds, placed very journey," but, as this was my only opportu- of two and one half feet; and his plantations near together; these plants were fruited, the nity, I resolved to go. On reaching the place, of grapes, to which he seems to be mainly seeds carefully gathered and planted; the seeds producedby the fruiting of the second genera. tion were as carefully gathered and planted as before, and this process was continued, each successive generation producing more ameration, however, of the fact that I was a Convention, were mostly produced here; liorated and valuable fruit, until, in the whose duty it was to assess the value of the stranger, and alone, I was permitted to enter. and they were now (Sept. 20th) so far out of fifth or sixth generation, some very suproperty taken, and also to levy a tax upon The grounds are beautifully diversified with season that the finest specimens had disapperior fruits were found, intermixed with adjoining lot-holders, commensurate with the hills and ravines, of which the utmost advanpeared. Enough were left, however, to give those of a middling quality. Van Mons raised from seed by him. I have had the increased value of their lots arising from the tage is taken, by the appropriate location of a good idea of the prolific character of the held that this was the only true way to adjoining improvements. Seven thousand five walks and drives, to increase the number variety, and the exceeding beauty and rich-procure vigorous and healthy trees and adjoining improvements and inearthy trees and and examining the iruit trees in bearing, hundred and twenty city lots were taken, at an of lots; which, as is usual in such grounds, ness of the fruit. It has been considered a fine varieties. For, he says, in proportion as seedlings in various stages of growth, and weak grower, but this is now claimed to be a fruit becomes removed from a wild state, scions of many new varieties of the pear the work of over propagation; and it must by planting always the seeds of the last proand the amount assessed to make a special to be acknowledged that the Dr.'s plants were duction, in that same degree will the fruit but the whole is profusely interspersed with abundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with abundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with abundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with abundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with abundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with abundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with a bundantly vigorous. Shoots, once layered, but the whole is profusely interspersed with abundantly vigorous. evergreens of various kinds, and, for the most had made growths varying from ten to fifteen highest perfection of which a fruit is susceptible. During the process of amelioration, rist with regard to raising of seedling fruits, The Diana, grown along side of this, rivals, and of each successive remove, the austerity, or, possibly, exceeds it, if we consider size or superabundant acid, which is the peculiar or superabundant acid, which is the peculiar The grounds embrace several beautiful and beauty of coloring, but is far behind it characteristic of the wild fruit, is diminished, in quality, and considerable later. It is a and the saccharine matter is increased. But which is thickly interspersed over the surface which, by the constant agitation of the sur-stronger grower than the Delaware, and much as a certain quantity of acid is an essential easier of propagation. A plant of this, in ingredient in every perfect fruit, it will apledges crop out in all directions, in many pesides adding much to the beauty of the the grounds of the writer, set out last spring, pear self evident that the process of regenewas allowed to produce a single bunch, which ration, when carried too far, may prove in inrious. Von Mons was very successful in the pro-

duction of new and valuable varieties. In his nursery he had over eighty thousand seedlings. It is said that he added to the evidently worthy of all the praise bestowed list of pears over eight hundred new and upon it, so far as fruit is concerned; but it valuable sorts. Andre Leroy, of Angers, has shown considerable liability to mildew France, advertises in his catalogue for 1856,

Van Mons held that hybridization tended as in the case of the Delaware, may be a re- to degeneracy, but Mr. Knight thought sult of over propagation, aggravated, perhaps, otherwise, and he was as enthusiastic and zine, and very deservedly ranks on the roll by the unfavorable character of the past sea- until ing in his efforts to produce new varieties of eminent pomologists of this country. He son. Another year or two will doubtless set- by hybridizing, as was Van Mons by his process.

Thomas Andrew Knight was born at "I was early led to ask whence the varieties sess the power."

The course preferred by Mr. Knight for able variety.

Atlantic; and, if we consider the extent and found many and strong inducements to remain found many and strong inducements to remain and found many and strong inducements to remain found many and strong inducements to remain and the columns of the Michigan Farmer—

\*\*There are several amateurs in the vicinity of the market.\*\* varieties.

> result in less time, and by an easier, and as ject, through the same channel. he thought, a better method, preferred to hybridize, as stated above; but Van Mons seems to have been far more successful in accomplishing his object than was Mr. Knight.

In the same nursery catalogue of pears, as before quoted, I find but two varieties that were originated by Mr. Knight, viz: Dunmore and Knight's Monarch.

But, while European horticulturists have been experimenting, and giving to the world per oz. The assortment of Peas is very full, and new and valuable varieties of fruits, our own countrymen have not been idle.

The late General Dearborn, and Robert Manning, of Massachusetts, were successful cultivators of the pear; they originated some new varieties, and were correspondents and admirers of Van Mons, and recipients of scions of a great many of his improved varieties of pears.

experimenting with seedlings and hybrids.-The Hon. Marshall P. Wilder, of Boston, Mass., is among the foremost of American pomologists; he is not only an enthusiastic, but he is a successful cultivator. In fruits, sorts, where we can grow them-but by all suckers, is my maxim."

means give us pears! pears for ourselves, for our families, for the millions who are about us, and who are to come after us."

In another address, in speaking of the various methods practiced for obtaining new varieties of fruits, he says: "Many cultivators, as Esperen, Bivort, Berckmans, and others, both in this and foreign countries, have sown seeds in variety, and obtained the opinion, that the best means of producing new and excellent varieties, suited either to general cultivation or to particular localities, is to plant the most mature and perfect seed of the most hardy, vigorous, and valuable sorts; on the general pathological principle that like produces like, and upon the conviction that immature seed, although the embryo may be sufficiently formed to vegetate, yet not having all its elements in perfection, it will not produce vigorous and healthy offspring."

Col. Wilder has had extensive practice, not only in the raising of seedling fruits, but of flowers also; some of the most beautiful Camellias ever grown in this country were pleasure of rambling through his grounds and examining the fruit trees in bearing, placed upon quince stocks to bring them will thus be seen that he is not a mere theobut his opinion, as above expressed, is based upon practice.

Hovey, Cabot, and many other practical horticulturists in Massachusetts, have been for many years engaged in the production and introduction of new and valuable varieties of the pear.

L. E. Berckmans, of New Jersey, is a practical horticulturist, an enthusiast in pear cul-

In the Horticulturist for January, 1859, I notice a beautiful group of Van Mons pears. The specimens from which the drawings were made were furnished by Mr. Berckmans; he had large experience in pear culture in Europe, and a few years since migrated to this country, bringing with him a large collection of pear trees, of the most valuable varieties. He is a frequent contributor to the columns of the Horticulturist, and to Hovey's Magais one of the intelligent workers, and has been successful in introducing to the notice of fruit growers many new and valuable

Messrs. Ellwanger & Barry, of Rochester, N. Y., Dr. Kirkland, of Cleveland, A. H. Ernst, and Dr. Warder, of Cincinnati, Ohio, are successful cultivators of the pear. But our Ohio friends have given their attention more to the production of choice varieties of the cherry, grape and apple, than the pear.

But, to come still nearer home; Detroit is noted for her large pear trees. When, and by whom these trees were planted, I do not duced; I could obtain no satisfactory answer, know. I presume, however, that many of same time, created for itself a name that bly prove our next choice for a hardy, native, and was thence first induced to commence them were raised from seed by some the first experiments, in which through a long life of French, or English settlers. At the present scarcely interrupted health, I have persevered, time there are a few amateur fruit culturists and probably shall persevere as long as I pos- in Michigan, who are engaged somewhat extensively in the cultivation of the pear.

The best, and most extensive pear orchard the amelioration of the pear, and for the that I am acquainted with in Michigan, is production of new varieties, was to plant owned by the Reverend Mr. Hunter, and seeds of the wild pear, and when the stocks is located on Grosse Isle. Mr. Hunter raised from these seeds were in blossom, im- is very enthusiastic and successful as a pregnate them with pollen from some valu- pear grower. It would be gratifying to his friends if he could be induced to give an Van Mons' theory was to sow, and continue occasional inkling of his experience through to sow, from generation to generation, and the columns of the Michigan Farmer -Detroit, and also in other parts of the State, Mr. Knight, wishing to arrive at the same that I would like to hear from upon this sub-

(To be continued.)

#### HORTICULTURAL NOTES.

Vegetable Seed Catalogue. The Messrs. Thorbarn & Co., of New York have forwarded to us their Catalogue of Vegetable and Agricultural seeds. Amongst those noted, we remark the Asparagus or yard long Bean at \$2.00 per quart, and the Lenormand Cauliflower \$2.00

comprises all the new and tried kinds that have

proved to be valuable. A New Plant.

The shrub introduced from China by Mr. Fortune, to the Horticultural Society of London, under the name of Spirae grandiflora, has proved itself quite hardy and to belong to another genus; it is now called the Exochorda grandiflora. The flowers withstand the spring frosts, and the latitude of London begin to appear about the middle At the present time, several cultivators are of April, and continue till the end of May; they "form beautiful spikes of pure white, which stand erect above the branches and are as large as those of a Philadelphus."

Advice to Young Gardeners.
experienced writer on propagation says, Never increase climbers or plants from suckers. the pear is his hobby. In a late address, he The like never produced the like more to the letsays: "Give us pears! the most exquisite ter than do these plants from suckers. Destroy all

#### SHADE TREES.

BY EDWARD MASON.

Continued from page 27.

There are some varieties of the willow which are extremely useful for basket work, and on this account the raising of them is very profitable. All trees and shrubs of this kind thrive best in rich, moist soils. When required for basket work, they should be set out in regular plantations, in low situations, near the banks of rivers, and in other places, where there is an unfailing supply of water; for, although these trees can be raised on almost every description of soil, they thrive best in localities where the roots are entirely covered with water, for at least a portion of the year. Among European willows, the following are highly esteemed for utilitarian purposes: Salix Alba-the White Willow-This tree grows to a very large size, and produces excellent timber. The Russell Willow -Salix Russellina, and the Brittle Willow-Salix fragilis-are also good timber trees. The Golden Osier-Salix vittelina-is a very ornamental tree. The young shoots of this variety, when properly cultivated, are highly a fine appearance, and in the fall, assist inesteemed for the finer kinds of basket-work. For the same purposes, the Salix Forbiana, and the Salix Helix, or Rose Willow, are much valued. The best variety for hoops, is the Salix Viminalis; (its specific name de notes that it may be wound or twisted;) and the young shoots of this willow are in great demand for the coarser kinds of basket-work. There are some of the native willows which might be cultivated in Michigan, with profit, as they appear to be adapted for hoops, or basket work. The large kinds from the wind by distant, not contiguous trees, make good shade trees, and are worthy a a place near the farmers dwellings, whilst the smaller and finer varieties might be cultivated in swamps and other moist places.

The bark of some trees of the willow kind is considered as valuable for tanning as that of oak or hemlock. An extract called "Salicine" is obtained from that of others; the varieties most valuable for yielding this medicine, are the Russell and Rose willows; and flowers. It has outlived three powerful dyit is said to be as efficient in low fevers and nasties, and if there were "tongues in trees," ague as the celebrated Peruvian bark.

The leaves and young shoots of willows are very nourishing forage for cattle, and in some countries of northern Europe they are collected and stacked for this purpose. It will are the pink-flowered, red-flowered, and fleshbe seen that willows are extremely valuable, some for shade and ornament, others for manufacture and medicine. They are all easily propagated, growing freely from slips or cuttings; the choice kinds can be obtained from every respectable nurseryman.

The Ailanthus Glandulosa is a native of the northern provinces of China; it is said to have been introduced into England in 1751 by a Jesuit missionary, and found its way into the United States in 1784. It thrives well in this country, and its pinnate leaves and wide-spreading branches cause it to be much esteemed as an ornamental tree. In the manner of its growth, and the appearance of its leaves, this tree bears considerable care and attention were paid to its training resemblance to the sumach, and according to and management. The Basswood would make the natural system of Botany, has a close affinity to it.

THE EASTERN PLANE—Platanus Orientalis is a native of the south of Europe, and form a fine shade tree near the rural homenorthern Africa and Asia; it is a beautiful stead. tree, and its merits have been celebrated in song and story: it is well adapted for a shade tree, and it has been used for this purpose by the Greeks and Romans. It has not as yet States, but its place is very well supplied by lane, or Button-wood-Platanus Occidentalis-a tree which is very common in the forests of the United States, and much used in some places as a shade tree; it forms a fine umbrageous head, and the leaves are large and showy, but it is some. what liable to be killed by blight.

THE ASH-Frazinus Acuminata-is not States. It is nevertheless a picturesque and ornamental tree, and may be seen adorning the parks and lawns of the nobilitry and gentry in every part of Europe. When the ash is planted separate from other trees, and becomes fully grown, the branches droop to the ground and then turn upwards, a peculiarity which adds considerably to the beauty of its appearance. The American White White Ash of Europe-Fraznius excelsiora tree which was celebrated among the ancients for its many useful properties. Both Hesiod and Homer mention it in terms of praise. Several ancient writers assert that serpents have a great antipathy to this tree. Pliny says that if a serpant be placed near a fire, and both be surrounded with ashen twigs, the serpant will sooner pass through the fire than the twigs. Dioscorides men-dit.

tions that the juice of ash leaves mixed with wine is a cure for the bite of serpents, and the North American Indians are of the same opinion as the ancients respecting the virtues of the ash; they esteem its juice an antidote for the poison of the rattlesnake, and assert that all scrpents have a wonderful antipathy to the White Ash, and avoid it with the greatest care. There are several varieties of the ash that are worthy a place in every collection of ornamental trees. One of these is the Weeping Ash, which, although it does not grow to a large size, is very picturesque, and answers well for contrasting with upright trees. The Weeping Ash cannot be propagated by seed or suckers, it must be grafted on stocks of the White or Black ash. It is well ject. calculated for ornamenting parks and pleasure grounds.

THE AMERICAN FLOWERING ASH, Ornus Americana-known also as the Mountain Ash, is a small tree of great beauty. Its large tufts of greenish white blossoms in summer, and bright red berries in autumn are very ornamental. A few of these trees scattered through a park, lawn or shrubbery have variegating the hues of the fading foliage of deciduous trees.

THE HORSE-CHESTNUT-Esculus Hippocastanum-is a very beautiful tree; its flowers and foliage are extremely ornamental, but it is somewhat tender, and does not attain a States. It cannot be considered a good street requires to be sheltered from storms by hardier trees. When it is partially protected it forms a fine umbrageous head, remarkable for its dark green foliage, and pyramidical flowers. In Europe the Horse-chestnut grows to a very large size, and is much used to ornament public parks and promenades.

There is a celebrated Chestnut tree in Paris, in the garden of the Tuileries, which comes into leaf early in March, and is remarkable for bearing a profusion of very beautiful could tell eventful tales of the Monarchy, the Republic, and the Empire.

There are some fine varieties of the Horsechestnut; among the best and most esteemed, colored. These trees are so easily propagated, and so desirable a tree that they should be found near every house, especially in the country.

THE BASSWOOD OF LIME-Tilia Glabrais a despised and neglected tree, in almost every part of the United States and British America, yet there is scarcely a tree in the forest, that can equal it in beauty, when it is properly managed and judiciously placed. In every part of Europe the Lime is chosen to beautify the parks and lawns of the nobility and gentry; and even in the royal demesnes, it is placed in the most prominent situations. The American Lime would equal its European congener in beauty, if the same amount of an excellent street tree if raised in a nursery, and headed down at a suitable age, in order to make it form a fine head; it would also

Young Basswood trees may be found on the edges of clearings and other openings in the forest, which, if headed down a few years before they are removed, will throw out laterbeen much disseminated through the United al branches, and ultimately make very fine shade trees.

which might be made to do duty as shade Carey, the President of the flourishing and Middlesex and Worcester counties, who, untrees, around the farmer's homestead, and useful Agricultural School at College Hill, der the most prudent managemant, avail at the same time, yield a large quantity of excellent fruit; among these the most desirable is the Black Walnut, which grows to a large size, and bears beautiful foliage and good fruit. The European walnut is an ormuch used as a shade tree in the United namental tree, but we think it inferior to the American, both in fruit and foliage. The Hickory can be obtained from the forest and will well repay for the trouble of transplantation. The wild Cherry should be planted near every farm house, as its fruit is useful for various purposes, and it also possesses the desirable properties of coming into leaf early in the spring, bearing a profusion of snowy blossoms, and adding to the beauty of the Ash bears a very striking resemblance to the lawn or orchard in the fall, by the brilliancy of its changing foliage.

( To be continued. )

Devon Stock for Sale. Geo. Vail of Troy New York, offers for sale his whole herd of Devon stock. Amongst them is the bull May Boy, which was import- er on the Patuxent, is for his writings in the ed from the herd of John Farmer Davy, the editor af the English Devon Herd Book. Mr. Vail offers this stock on a twelve month cre-

#### Meeting of the Board of Agriculture.

assembled in this country so many gentlemen State Agricultural Society, known throughjustly famed for their services in the cause of out the Northwest as being the very head agricultural progress, as are now embraced on the roll of the board now in session in this Holbrook, who has been the President of the city. Though among them-some sixty in all-there are some who may be inexperienced, and some who are simply ambitious of having their names connected with the deliberations and actions of such a body, these are few, indeed, compared with the number of them who have great agricultural and horticultural experience, or who have devoted long years to the cause of agricultural science as investigators and writers upon the sub-

Much complaint has been made over the country on the ground that the business of the Agricultural Bureau of the Patent Office has been managed wholly under the advice of theorists, bent especially on building up an Agricultural department of the Government, really foreign to the constitution in its aims and tendencies. We have every reason to believe that it was resolved to assemble this board, in great part, in order to sought to be made general. In their recent brief addresses to its members, the Secretary of the interior, and the Commissioner of the Patent Office, distinctly stated that they had been assembled to revise the list of questions to be sent over the land, with the view of carlarge size in the Northern or North-western rying out the law of Congress, directing the procurement of thorough and complete agritree, as it thrives best in sunny aspects, and cultural statistical information now so greatly needed in the transaction of the business of the Interior Department of the Government-to suggest, after a careful study of them, such alterations and amendments as their individual aud conjoint experience may assure them is proper. They are also themselves to answer as many of them as each member of the Board can.

Heretofore efforts have been made by the the Department to obtain precisely such information as this Board is expected either to furnish or to prepare to have furnished without further cost to the Government. The cost of these abortive efforts, made through the agency of individual agents sent over the country, has of course been much greater than the expense of assembling this board two thousand dollars in all, most of the members giving their services in the good cause, and paying their own expenses while so doing.

On the first two days of the session of this board, a disposition was manifested by some of its components to have it undertake the duty of recommending some distinct course of Congressional legislation and Executive action for the benefit of agriculture; which subject, on being discussed for a few hours, was quietly and very properly laid on the table by an overwhelming vote, as being entirely foreign to the true object of the convocation. This ac ion was in just keeping with the high reputation of the leading members for practi-

We mentioned above that many of the most distinguished advocates of agricultural and horticultural progress, are lending their services to the Government in this matter. Among them we may name Marshal P. Wilder, Esq., of Boston Mass., for eight years the President of the Massachusetts State Horticultural Society, the founder, and for six years the President of the National Agricultural Society, and also President of the National Pomological Society-a gentleman, whose labors for many years have been of infinite service to the cause in which he is so deeply interested; Mr. Tilghman, of the Eastern Shore of Maryland, the present President of the National Agricultural Society, one of bearing trees | the most successful farmers of his State; Mr Ohio, near Cincinnati; Mr Gowen, of Philadelphia, the owner of a large Pennsylvania farm, regarded by many as the model in that State, for its enlightened management, who, by-the-by, founded the Mount Airey Agricultural School, than which no other in this country has proved more beneficial in spreading practical agricultural science and information; Mr. Ewing, an extensive and very successful farmer in Western Pa., widely known for agricultural enterprise; Mr. Calvert, of Maryland, the projector of the Agricultural College of his State, long the President of the Maryland State Agricultural Socicty, and well known here, as throughout Maryland, as having devoted, for twenty years past, not only a considerable portion of histime and his highly cultivated mind, but (Mass.) Advocate. of his large wealth gratuitously, to agricultural progress; the two Messrs. Bowie, of Prince George's, Md., one as justly famous for successful breeding and improvement of sheep of English blood, as the other, a plant-

the ranks of Maryland's many breeders of tion of bone-set (Eupatorium perfoliatum) short-horn stock; Mr. Kennicutt, of Illinois, Our impression is that there never before the founder and the Secretary of the Illinois and front of agricultural progress there; Mr. Vermont Agricultural Society since its founedge; Mr. Bartlett, of New Hampshire, former editor of the Boston Cultivator, on the wire-worm. tripod of which he was, as is well known, a very important lever in behalf of agricultural progress; Mr. Holmes, of Maine, the Secretary of the Maine State Agricultural Society, and the founder and editor of the Maine Farmer, a capital weekly agricultural journal, as farmer who sells annually from his fields and orchards perhaps 10,000 bushels of wheat, and 5,000 barrels of apples; Mr. Hammond of of North Carolina, a planter and farmer of enterprise commensurate with his immense capital invested in agriculture, than whom no experiments. Among those of the body who eside here, or in this immediate neighborhood, whose labors in behalf of agricultural progress, are well known to all here interested in the subject, we may mention Mr. Joshua Pearce, the veteran horticulturist and nurseryman, who has diffused improved fruits and American ornamental forest trees and flowers as extensively over the land, as almost any other nurseryman in the Union; Mr. W. W. Corcoran, who carries on, we believe, three farms at this time, each of which is devoted for the most part to agricultural experiments, without regard to the cost of obtaining results from them beneficial to the future of American agriculture, and whose green-house in this city is not only one of the most extensive private ones in this country, but one of the best managed; Mr. Joshua Seaver, than whom there is no more thrifty and successful farmer withim fifty miles of the Federal Metropolis; Mr. Lewis Baily, of Fairfax county, Va., whose fine, pure bred Devons have been the admiration of Maryland and Virginia Cattle shows for the last decade; Mr. J, S. Bradhere will be; for it is to cost the treasury but ford, of Culpepper county, Va., on whose farm of eight hundred acres there are, perhaps, more miles of under-drains laid than on any other in the Old Dominion, who at times, has fifteen hundred full-blooded Merino sheep under his own shelters, and has made, in the last ten years, as much pro rata clear profit on his capital. invested as it is, wholly in legitimate agriculture, as any other farmer on this

side of the Atlantic. But we might extend this list, so as to fill with it a page of to-day's issue of the Star. The public will however perceive without such an extension, that we are entirely correct in the impression that this Board is not only competent to aid the laudable purposes of the Interior Department for which they were assembled, but are not to be dreaded as men bent on revolutionizing the Government in a wild chase after consilodation by means of the lever of a new Agricultural Department, to be charged with the duty of interfering in affairs of the people in matters in which the general government should keep hands off."-Washington Star.

### FARM MISCELLANEA.

Ayrshire Cattle in Massachusetts

"In Massachusetts, the improvement of dairy stock by the Introduction of Ayrshire blood, has become so apparent, that no argument could induce those acquainted with their value to return to the hazards of native breedthemselves of every opportunity to introduce Ayrshire blood into their herds, and our own speed prematurely attained. bservation teaches us that the importations of the Massachusetts Society for Promoting Agriculture, of Capt. Randall, of New Bedford, and others, have been vastly beneficial to our dairy stock. The bulls of this breed can be traced wherever they have been by the good stock they have left behind them. One of them was kept upon a secluded farm in Essex county, and rendered it famous for its fine dairy cows. Another gave superior character to the herd of one of our well known farmers, and to all the dairies in his neighborhood. An imported Ayrshire cow, not far from us has produced through a variety of mixtures and pure breeding, a little herd of cows and heifers of the highest uniformity of excellence. We might enumerate a tedious catalogue of such cases as these.—Salem

Worms in Horses.

Some veterinarians tell us that the parasites complained of do no injury. We never could quite agree with that opinion. All will probably admit that the worms do the horse no of Maryland, and at this time the first in many worms. We have also known a decoc- in New York Spirit.

sweetened with molasses, to produce a similar effect. Perhaps others can tell of better remedies .- Boston Cultivator.

J. 1 A. F.

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One of the advantages of Draining.
Silas Brown of Massachusetts, writes to the Boston Cultivator that amongst the advantages he has observed to arise from draindation, a gentleman of great practical knowl- ing, he has found that it has very much deminished the number and depredations of the

Extraordinary Operation on a Horse,

One of the most wonderful (so wonderful in fact that we should feel inclined to doubt its accuracy were we not informed upon the most underiable authority) that the records of the veterinary art contains, has lately been performed in England by Mr. George Holmes, we well know; Mr. DeNeveu, of Michigan, a of Beverly, a veterinary surgeon. The anifarmer who sells annually from his fields and operated upon was a valuable black horse belonging to Mr. Metcalf, of Walkington Wold, which was suffering from water on the chest, and from which Mr. Holmes succeeded South Carolina, one of the most extensive plan- in extracting the enormous quantity of 151 ters in his State, as well as by far the most distinguished writer in that quarter of the Umon on agricultural subjects; Mr. Bergwyn of North Carolina, a planter and farmer of though only a short time since, the horse is perfectly well, and it will be difficult to detect that anything had ever been the matter with it or that any operation had been performed; other gentleman in the United States is more in fact the horse is doing all the ordinary liberal in his expenditures upon agricultural work with the rest of the team, and has regained its condition to the fullest extent. This is the only instance on record where such an operation has been performed with any degree of success. How the animal had lived with such an enormous quantity of water on the chest was sufficiently extraordinary. We are informed that he was fast drowning; but the fact of its being extracted without the slightest injury is positively wonderful.-New York Spirit.

Allen Sontag The Messrs Ladd, Brothers of Richmond Ohio., have purchased a colt named Allen Sontag for \$1600. This colt was foaled the 7th of June, and is from the celebrated trotting mare Sontag and by Ethan Allen. Sontag herself was sired by Harris's Hamiltonian, he by Bishop's Hamiltonian; and he by imported Messenger. The dam of Sontag was a bay mare by Nicholas 1st. Sontag herself is somewhat famous for beating Flora Temple in three short heats. In a private trial made soon after the match, Sontag showed the extraordinary time of a half mile in 1.08 but she soon after wrenched her pastern joint, when she was purchased as a breeder by S. R. Browne, Flushing. This is her first colt, and he is expected to help in improving the stock of Ohio.

#### Arabs and English Horses.

I promised you some further remarks on Stallion Controversy," respecting which I have been trying to pick up and collect facts and opinions during the past summer and au-

The Persian horses must, I fear, be given up : they have been tried both in India and Austria, and found to lack breadth and depth of chest, so that their progeny is weedy. Such at least is the report of the only two authorities that fell under my observation, one in print, the other comunicated to me person-

As to the Arabs, all my informants are agreed, that a good Arab is remarkably harly, gentle, and generally serviceable as a hack, but in speed and weight-carrying power far behind the English horse. The best Barbs seem to be in the same category. An English officer, after praising the Barb that had carried him in his Crimean campaign for various good qualities, wound up with, "But after all" you will never catch me going into action again without a blood charger : he can carry you out of reach of the shot." Not a very valorous-sounding speech for a Crimean hero; but the bravest men are not those who make the most parade of their valor—a hint to our friends the French.

The Arab discussion is going on very brisk-ly in England just now. On one side it is af-firmed that the diseases of wind and limb so prevalent in thoroughbred stock require to be corrected by an infusion of the sounder Eastrn blood; on the other side it is mai that these diseases are solely owing to the unnatural system of short courses and two-yearold races-everything sacrificed to speed and

Now in transferring this discussion to our own country, we must bear in mind what the English want to remedy. Obviously it is defective wind and limb. In the matter of legs, and feet especially, they now pretty generally acknowledge that our horses are superior to theirs. Thus the "Field" recently advocated the importation of American trotting stallions, to improve the understanding of John Bull's harness stock; and similarly we learn that Sir Joseph Hawley bought Charleston for \$3,000—not so bad a price after all for a broken-down second-class racer. But what do we most want? What are our desiderata? It seems to me, first, in a sporting and fancy way, to get a little more speed into our blood stock, which is inferior in this re-spect (there is no use of mincing the matter) to the thorombred of England and France; secondly, in a general way to prevent our horses (harness horses especially) from becoming undersigned. How can the Arabs help us to secure either of these objects? The us to secure either of these objects? They are small horses and they are not swift One of the "Field's" correspondents, it is true. sheep of English blood, as the other, a planter on the Patuxent, is for his writings in the American Farmer, and his management of his own estate; Mr. Clement Hill, of the same country, one of the largest tobacco planters mash—the result being the discharge of Maryland and at this time the first in many worms. We have also known a decor-

#### NEW ADVERTISEMENTS.

#### ANSWERS TO CORRESPONDENTS.

J. McA., Cass Co .- Your sugar inquiries will be attend-J. S. Tibbits of Plymouth, has Suffolk pigs very pure bred, and F. E. Eldred of Detroit, bought a fine preeding, whether either of these breeders have any to sell or not at present I cannot say, as they do not ad-

J. S. T .- Your letter received, and will appear soon. D. M. F.—Pedigrees received, and will appear next week. Notic deferred until a personal examination is afforded by visit, of which due notice will be given. D. D. T.—Your experience with the Sorghum is received, and is on file.

ed, and is on file.

Stock Breeder, Moscow.—The Messrs. Fallington live at
Darby Plains, Union Co., Ohio. The address of R. G,
Corwin is Lebanon, Ohio.

J. S. T., Ohio.—Your samples of wool are received. The

nation of your wools will cost \$5.00, and engrav-3.00 each. The examination of wool for private examination of your wools will cost \$0.00, and congressings \$8.00 each. The examination of wool for private benefit should be paid for just as much as the services of a doctor or lawyer. We have had two hundre ples sent us, and from these were selected all those needed for public instruction.

# MICHIGAN FARMER.

#### R. F. JOHNSTONE, EDITOR.

## SATURDAY, JANUARY 29, 1859.

#### THE AGRICULTURAL CONVOCATION AT WASHINGTON.

It is generally known that a meeting of citizens selected by the Commissioner of the Patent Office, has been held at Washington. to advise with him in relation to matters connected with the more efficient conduct of the agricultural department at Washington, and to give advice and to suggest measures adapt- they had some Saxon blood. The examina-

all that relates to agriculture. The citizens thus chosen were to be allowed certain traveling fees, and a certain per diem, for expenses while in Washington .-This body met during the last week in January, entered into consultation with closed doors, and adjourned on the 12th, after a session of two weeks. What they did is as yet unknown. We have looked at all the usual sources of information for some inkling of what this body has been doing, and what they proposed to do, but with the mere statement that they met, and proposed to call themselves "The Advisory Board of Agriculture of the Patent Office," we have as yet learned nothing of their doings. Whilst we have noticed some allusions to the members in the correspondence of many of the newspapers, nothing definite has been stated. It is a curious fact, that whilst all the moveexecutive sessions, and even the unto'd in- system of roads is to consist of tentions of the President, are intimately known to the excellent and most sagacious representatives of the press at Washington, not one of them can find out anything of the proceedings of the "Advisory Board." This "Board" must therefore be considered as one of the "patented" secrets for raising crops and stock, equal to the notorious "terra culture" comment to make on this body, because we are unwilling to prejudge it, before knowing for what result the mountain labored. Meanwhile, we publish on another page an article from the Washington Star, which, though Road. not very satisfactory, is the most precise in its representations of any that has yet been noticed. In this article our readers will observe that Michigan is said to be represented by "Mr. DeNeveu," a farmer who sells annually, from his fields and orchards, 10,000 bushels of wheat and 5,000 barrels of apples." and Ontonagon State Road. We have never heard of this gentleman before; there may be such a man in existence, and there may be some farmers in this State who have orchards that produce five thousand barrels of apples, and whose fields grow ten thousand bushels of wheat; we have not yet made their acquaintance. Because we do not know them, we do not say they are myths, The gods forbid! But when we know that for the past five years the average production of wheat in this State has not been over ten bushels to the acre, we have to say that we would have been likely, in some of our peregrinations, to have come across that thousand acres of wheat grown by one man. as well as his orchard that must have had at least from twenty-five hundred to three thousand bearing trees. That gentleman, also, must have had some stock to use up all the straw that produced his immense crop of wheat. We have never heard of his immense herd of cattle, or the hogs or the sheep that fed on the refuse of the orchard, nor even of

and protected the crops; nor are we aware of

hired men, and their families, who work this

tremendous farm, which in a four years ro-

thousand acres, besides having large tracts of

may set his light on the top of our bushel .-If all the members named in "The Star" are like our member from Michigan, there must pure pred, and r. E. Edured of Detroit, bought a fine large boar, the son of imported Ajax, from which he is breeding, whether either of these breeders have any to just shout the time that convocation met!

#### The Wool Illustrations.

We call the attention of sheep breeders to the lesson taught by the specimens of wools which we exhibit in the present number. It will be noted that the wools of the pure bred sheep have been placed along side of the cross breeds, for the purpose of comparison. and it will be noted that in all the wools from cross bred sheep there is the same leading character, namely unerenness in the fibre; whilst in the wool of pure bred animals the wool fibres are perfectly even. So much is this the case, that the moment that wool is viewed through the microscope, the truth is made known. A short time since an examination of a wool sent to this office by a breeder well known, as from the fleece of pure Spanish Merino, and the winner of the first prize at the State fair. This wool was examined, and pronounced bad, and indicative of being a cross, though remarkable for fineness. Within a few days after, a note was received from a first rate experienced judge of sheep, suggesting that he had often seen Mr .- bear off the prizes, but he thought from appearance, that the sheep which he exhibited, showed that ed to aid the progress of improvement in tion by the microscope led to the same conclusion. It will thus be seen how it may be proved that an animal is a pure or a cross blood. This is a very important discovery in regard to wool, and one which, as far as we know, has never been observed before.

#### The Swamp Lands.

The Committee on State affairs in the State Senate, have recently made a report on this important subject of the reclamation of the Swamp Lands. This report we have not as yet seen, but take from the Detroit Tribune. the following synopsis of its design and of the bill accompanying the report. We shall notice this subject more at length when we have the full report and bill before us for examination.

The report recommends first the construction of a system of roads as the most feasible ments of the cabinet, all the doings in secret method of providing for the ditches. This

> 1st. A road from Lansing via Little Traverse Bay to the Straits of Mackinaw, to be known as the Lansing, Traverse Bay and Mackinaw State road.

2d. A road from Grand Rapids via Grand Traverse Bay to the head of Little Traverse Bay, to be known as the Grand Rapids and

Grand Traverse Bay State Road. 3d. A road from Port Huron via Saginaw River to Pere Marquette on Lake Michigan, of Russell Comstock. We have as yet no to be known as the St. Clair and Pere Mar

quette State Road. 4th. A road from East Saginaw via Bay City, Ottawas Bay and Thunder Bay to the Straits of Mackinaw, to be known as the Saginaw, Thunder Bay and Mackinaw State

5th. A road from St. Mary's Falls to the Straits of Mackinaw, to be known as the St. Mary's Falls and Mackinaw State Road.

6th. A road from the Straits of Mackinaw via Marquette on Lake Superior, L'Anse Bay and Ontonagon to the Wisconsin State line, to be known as the Mackinaw, Marquettee 7th. A road from L'Anse Bay, southwardly

to the State line, to be known as the L'Anse Bay and State line road.

8th. A road from Markette via Little Bay de Noquette to the mouth of she Menominee River, to be known as the Marquette, Bay de Noquette and Nenominee State Road.

#### Railroad freights on Plaster and Wheat.

The last number of the Jackson Patriot contains the proceedings of a meeting of the Executive Committee on the subject of a reduction of the tariff on wheat, flour and plaster. The Committee after a full discussion of the importance of the subject, to the producing classes of the county of Jackson, and the State adopted the following preamble and res-

Whereas, In the opinion of the Executive Committee of the Jackson Agricultural Society, not only the interests of the farmers of Jackson county and all Michigan, but the stock-breeders of the several lines of Railroads in this State, would be greatly promothe barns that accommodated the work horses, ted by a reduction of tariff for the transportation of wheat, flour and plaster, especially the the village composed of the dwellings of the latter, therefore encouraging the cultivation of the great staple of the State. Wheat, it is well known, has rapidly decreased for a few tation must be composed of at least four years, therefore

Resolved, That we respectfully call the at-

woodland attached to it. We are really anxious to know this magnificent Michigan farmer, whom the Patent Office at present has got the sole right to, and where he resides as it encourage the production of wheat, and where he resides as it encourage the production of wheat, and where he resides as it encourage the production of wheat, and the space to explain; but, suffice it to say, the process seems wholly practicable and effective. It is calculated that, with head winds, a speed of forty miles an hour can be obtained with this air-ship, and with favorable gales the speed would be increased to one hundred. Prof. 8. estimates the cost of building such a balloon at \$40,000. Will some one enlighten us? so that we to bring plaster within the reach of the State at prices that would warrant its universal use, thereby increasing the growth of the one great staple to an extent that would greatly benefit, not only the farmer, but the transportation interests of the State.

Resolved. That we appoint a committee of three to present the subject to the managers of the Central and Southern Railroads, and urge upon them the necessity of immediate ac-

#### The State Legislature.

The Committees appointed to visit the Flint Asylum for the Deaf, Dumb and Blind, and the Asylum ot Kalamazoo for the Insane, have made reports strongly in favor of making appropriations to sustain these institutions.

A bill has been introduced into the Senate to restore the death penalty.

A bill has also been reported for the protection of game.

There has been some movement made toward granting aid to the people of Gratiot and Midland counties, recommended by the Governor in his We hope the legislators will not allow the borse to starve whilst he is waiting for the grass to grow. The bill has eventually passed.

A bill has been introduced to provide for the publication of the reports of the proceedings of the Board of Supervisors, in at least two of the county papers of each county in the State.

A bill has also been reported, making it the du ty of the assessor of each town to report with his annual assessment roll, the amount of crop raised the year before, and the number of acres sown or planted the year the assessment is made out. This if reported promptly will afford a reasonale estimate of the produce of the State, and we have no hesitation in stating that the results will make our agriculturists open their eyes to the light returns they get for their investments, and we think such a law will be a great benefit. It is carried out to a much further extent in Ohio, as all the live stock is included in their spring returns.

A bill has been reported on favorably to prohibit the making of sleighs and wagons in the State Pr son at Jackson.

A bill to provide for the draining and reclamation of lands by making a system of State roads, is reported.

The bill to provide for the trial of officers upon information, and without indictment by Grand Jury has been passed in the lower house.

The several bills referring to the militia of the State are in a state of forwardness in the lower

The contested seat in the Senate has been finally disposed of by Mr. Tyler withdarwing his memorial, and thus Mr. Pond is left to attend to his duties as a legislator. The case is one which shows how carefully each elector should examine his tickets, and also how particular committees and candidates should be to make known the correct names at an early day.

The formation of a new county to be named Muskegon, from a part of Ottawa, is under con-

The bill for the relief of the people of Isabella and Gratiot counties was negatived in the lower house last Saturday, but has since passed.

The Legislature has passed a law authorizing the appointment of a deputy superintendent of common schools, and fixing the salary at \$600 per year. The business connected with the educationat department has increased to such an extent, that the superintendent was unable to perform all the duties of his office, and the salary paid him did not allow him the means requisite to hire an assistant.

#### Scientific Intelligence.

Agricultural Patents issued for the Week ending January 11, 1859.—Daniel Bruce, of Paspebiac, Canada. An artificial manure. By his process animal matters are first decomposed and then disinfected by the use of charrst decomposed and then disinfected by the use of char ed shale or its equivalent. John L. Knowlton of Glassborough, N. J., an improve

John L. Knowlton of Giassborough, N. J., an improvement in Stump extractors.

Isaac Reamer of Conrad's Store, Virginia, an improvement in corn shellers.

Fhomas Wendall, New Albany, Ind. A mode of connecting and securing the gearing of mowing machines.

Mr. Woodward, the inventor of the planing machine that bears his name, is now in Washington, for the purpose of procuring a renewal of his patent.

purpose of procuring a renewal of his patent.

There are no less than two projects now before the public for crossing the Atlantic in the air. One is got up by John La Mountain, whose plan is by a slik balloon for the construction of which he has made arrangements in Boston. This balloon is to be capable of carrying four persons, with their provisions and baggage. This balloon is first to be tested by trials from some of the western cities, in long journeys through the air.

The other project is more daring, and is by Professor Sichler, who has already made some experiments as an aeronant. The following description taken from the Xenia News, will give some idea of the plan of operations.

senier, who has intensive the content of the plan of aeronaut. The following description taken from the Xenia Neves, will give some idea of the plan of operations.

The bottom is to be of thin sheet copper, weighing not more than half a pound to the square foot. It is to be feet long and 80 feet in diameter at the center, tapering towards each extremity. Beneath this balloon is to be suspended by wire cables a platform of the same conical shape with the ballon itself. On the central part of this platform is to be placed the machinery of the air-ship and the cabin for passengers. The surface measure of the balloon will be 151,425 square feet, and its total weight will be 37½ tons. It will contain 2,894,466 cubic feet of gas, which will support in the air a weight of 86½ tuns. The platform, cabin, machinery, &c., are estimated at 18 tuns, leaving still power enough to clovate 21 tuns of passengers, freight and ballast.

It is proposed to propel this vessel by means of large paddles or fans, to work in the air as the paddles of a steamboat work on the water. There is to be one wheel on each side of the vessel, and at the stern is to be a screw propeller, all of these to be worked by steam engines placed at the center of the platform. The side wheels have the paddless or arranged as to fold up like a lady's fan alias as they enter the wheel-house above, and to unfold an as they enter the wheel-house above, and to unfold an as they enter the wheel-house above, and to acopter float in the water, connected to the platform underneath the air-ship by coil of wire rope. An Ingenious contrivance, which cannot be satisfactorily explained on paper, is attached to the platform, whereby the balloon is as certainly steered as a vessel in the water.

Prof. S. thinks he has effectually overcome the two great difficulties encountered by all experimenters in aerial navigation viz.: the expansion and contraction of of gas, and the difficulty in exhausting the common air from a balloon with rigid sides, without having it crushed.

balloon at \$40,000.

The Beck, of Dantzic, has just made a curious discovery. He has found an antidote, or rather a counter-poison, for ardent spirits. It is a mineral paste, which he incloses in an olive, and which, once absorbed, destroys not only the rising effect, but likewise the disastrous consequences of drunkeness. He tried several experiments on a Pole, an irreclaimable drunkard. The individual, named Radevil, swallowed three bottles of brandy in succession, and, after each bottle ate an olive prepared by the Doctor. He experienced neither the effect of drunkenness nor the slightest slekness.

#### General News.

There appears to be a consideaable attempt made by correspondents to get up the impression that there are extensive gold diggings in the new territories. The effect of such reports in creating a large amount of emigration is unquestionable, but the profits to those who engage in it are very much like the profits of a lottery. Arizona, Kanzas and Nebraska have each their diggings, of which specimeus are sent as baits to tempt the unwary. wary.

A revolutionary movement in Hayti is in full blast, and possession of the city of Gonaives, and of a part of the country around it is held by the insurgents.

A bill has been introduced into the N. Y. Legis-lature, which provides that children shall not be allowed to attend theatres unless they are accompanied by their parents or guardians. This is a move in the right direction.

The American Tract Society held is annual meeting at New Haven, Conn., on Saturday the 15th inst. By the proceedings which have been reported, we note that the receipts have been increased \$15.000 during the

The Michigan State Medical Society met at Lan-ing last week. The officers elected for the year were Dr. H. B. Shank, Lansing, President; Dr. M. Gunn of Detroit, Vice President; Dr. E. P. Christian, Wyandotte, Secretary; Dr. J. H. Beach, Coldwater, Treasurer.

A Telegraph line has been completed within the last week to Leavenworth in Kansas Territory. The first message direct from New York was sent to the Herald on Thuesday the 35th inst.

ald on Thuesday the 35th inst.

The steamship Europa brought news from Liverpool to the 8th inst., which seems to give a general impression that Italy was in a very troubled state, and was likely to give Austria some trouble. Austria, however, had already nearly 100,000 soldiers placed in her possessions by way of preparation. Sardinia, however, seems to be preparing for a fight, and she will unquestionably form the neucleus around which the revolutionary forces will gather, the war, if once begun will be of the sternest kind, and this time Austria cannot count on any assistance from Russia. Matters will be the other way. But it will unquestionably be found that the Pope and the priesthood will side with Austria, as that government is their mainstay.

The news from Spain does not give the least hope that any overtures for the purchase of Cuba will be regarded with the least favor. O'Donnell, the most influential man in the Cortez, having declared that the government was inclined to regard the proposition as an insult.

The Emperor Alexander of Russia is reported as bout to pay a visit to Queen Victoria during the coming

At Cracow, there has been a movement among the Poles, who it is said propose to transfer that fortress from Austria to Russia.

from Austria to Russia.

The army of France is being filled up, and put on the most available footing. Italian affairs look really troublesome, and it looks as though a great struggle was about to begin for the possession of Italy. We do not yet think that Louis Napoleon has given up the idea of continuing in the person of his son the title of King of Rome, and this he cannot have until he has wrested from Austrian possession the territories of Northern Italy which she now holds. As for the Italians and their hopes of independence, that is an old story! and Italy has been such a foot ball for kings and emperors since the time of Charlemagne, that, for them it will be out of the frying pan into the fire, when Austria is thrown off, and France gets into the saddle.

Johnathan Wales of South Franklin Mass young man of respectable connections, apparently of fair business habits, and twenty-eight years of age, deliberately shot Miss Susan V. Whiting, a young lady about eighteen years old, to whom he had been engaged, but who had broken off the engagement. He then shot himself. The people of the town where the parties are known, admit it to be a case where love overmastered

The citizens of Paw Paw are organizing a move ment in favor of the revival of the Temperance Society of that place.

ment in favor of the revival of the Temperance Society of that place.

The Spiritual movements are having an exciting time in Boston. One set of mediums are engaged in exposing the tricks of the others. All the demonstrations take place in public, and large audiences are drawn together. A night or two ago, in Tremont Temple, one Bly, a medium, allowed himself to be tried, by a committee, having made a bet with Dr. Gardiner that he would perform all the feats of the famous Davenport boys. The Post says: "The whole resulted in the triumph of Bly, he releasing himself while in the box from the cords, which a competent committee, consisting of skeptics and spiritualists, had bound him and an associate in as tight and intricate a manner as powerful muscle could perform or remarkable ingenuity devise. Ten minutes after the door of the box was closed, one of the himates was heard playing upon the guitar.—Five minutes more clapsed, and the drum and other instruments were heard. In half an hour one of the twain came from the box, enveloped in a sheet, and untied the ropes on the outside which bound tho other. He again entered the box, and in twenty-five minutes more both came out on the platform. Mr. Bly said he had successfully exposed the humburg and offered to wager \$100 that he could again perform the feats of the boys in a more satisfactory manner than they could themselves perform them, and he would give their friends a week to produce them.

A wealthy gentleman offers \$50,000 to the Har-vard University, as a means of providing a suitable nu-seum for the collections of Agassiz in Natural History.

Sax, the inventor of the musical instrument known as the Sax-horn, is suffering severely from can-cer. A plant brought from the Spice Islands by a Dr. Vrice, of Paris, has been applied to the disease, and has arrested it.

William Bradford, the oldest printer in New Jersey, died within the past week. He had frequently seen General Washington.

The Rev. Theodore Parker is suffering from from sickness, and has been granted leave of absence for a year by his congregation that he may have the benefit of a warmer climate.

The wicked and unnatural separation of the boy Mortara from his parents by the Romish priesthood is likely to cause the death of the mother.

To P. M. D. Collins, the gentlemen who visited the Amoor territory, has returned from a trip, which was undertaken with the design of calling the attention of the Russian government to the necessity of opening up the country by railroad enterprises. He has been favorably received by the Russian Emporor.

Lola Montez is lecturing in Ireland, and is a warm friend of the establishment of more intimate postal arrangements between this country and that. Lieutenant General Scott had a public reception on his arrival at New Orleans on the 4th, and at the same time had his overcoat stolen.

General Garibaldi, the celebrated Italian revolu-ionist, is still living and is much respected.

The will of the late Henry L. Ellsworth is to be ontested by the heirs, on the ground that Mr. Ellsworth sted by the heirs, on the ground that Mr. Ellsworth if unsound mind when it was executed. A strong of legal talent has been retained.

array of legal talent has been retained.

\*\*\*The Commissioner of the General Land Office has decided that in all cases where lands belonging to the United States have been regularly surveyed and sold-the proprietorship of the Government therein entirely ceasing—it is not incumbent on the Government to cause a re-survey to be made, even if the lines, corner, &c., making the original survey shall become obliterated. The re-survey must be made by the owners of the land, on the basis of the field-notes of the original survey; or the State may order such survey to be made. The General Government, however, having nothing further to do with the land.

The Shoe and Leather dealers of Boston are about to establish an Exchange of their own on the same principle as the Flour and Grain Dealers Exchange.

The museum of the Veterinary College in Philadelphia, was opened Jan. 17. It contains one thousand specimens, including an entire sheleton of a horse.

Ex-President Pierce has taken up his residence at the island of Capri, near Naples. The health of Mrs. Pierce requiring the benefit of that mild climate.

A South Carolina paper asserts that the result of the landing of the Africans from the Wanderer, will be the passage of a more stringent law at the next session of the legislature to prevent the importation of savages from the coast of Africa.

the passage of a more stringer haw at the next session of the legislature to prevent the importation of savages from the coast of Africa.

The correspondent of the Philadelphia Press writing from Savannah, Georgia, thus speakes of the affair of the Wanderer:

This first attempt to import Africans into Georgia is he act of a few daring, reckless individuals. As it is the first, so will it be the last attempt. Though apparently successful, as a remunerative speculation it has failed.—The sense of our city, and of our whole State, condemns it. Many of the miserable victims have died since landing, from pneumonia and pleurisy. The costs of prosecution will be heavy to those concerned; the loss of the wessel, which will undoubtedly be condemned, and the many who are to share the proceeds of the sales, will absorb all the profits, and perhaps more beside. The attempt will not be repeated. Much credit is due to the officers of the Government for the vigorous manner in which they have prosecuted this case. Joseph Ganahl, the United States District Attorney, is assisted by the distinguished and accomplished Henry R. Jackson. It is their determination that none, either nearly or remoted with it, shall escape. At first the prosecution was treated lightly by those arraigned; it was thought to be a mere form of law, if not a mere farce.—But the vigor and earnestness of the officers, who are backed by the full power of the Government, have put a different complexion on the case.

#### Political Intelligence.

The Hon. William Saultsbury, of Sussex, has been chosen U. S. Senator by the Legislature of Delaware.

Henry Wilson, has been re-elected to the U. S. Senate by the Legislature of Massachusetts, and Wm. Pitt Fes-senden has been re-elected Senator by the Legislature of Maine.

A despatch from Kansas states that Montgomery, the chief of the party accused of disturbing the peace, has voluntarily yielded himself to the authorities to await his trial on the charges made against him. Brown the other leader has disappeared, and is supposed to have left the territory.

A dispute is reported to have taken place in the executive session at Washington, between Senators Douglas of Illinois, and Fitch of Indiana. The reporters have al-ready proclaimed their fears of a duel—more humbug.

John J. Crittenden, of Kentucky, and Wm. A Shaw of Mississippi, are already nominated for President and Vice President by a Mississippi newspaper.

There are a number of rumors affoat that several changes are to be made in the principal offices of the General Government held in this State. Amongst them the Postmaster is mentioned. We can only say that the office has never been so well administered, as it has been since the appointment of Mr. O'Flynn. The utmost promptness ann attention to the public interest has been manifest in all the arrangements and improvements made by him, and his corps of clerks.

Mr. Sherman of Ohio, has made a statement in the House of Representatives, based on documents and affidavits placed in his hands by D. B. Allen of New York, which charges that some of the officers at the Brooklyn Navy Yard, had made it a common practice to sell offices and employment to the workmen engaged there. The House have appointed a special committee to examine into the matter

The difficulties that have been reported as existing be-tween Senators Douglas and Fitch, is at last settled.— Cards are to be published in one of the Washington papers to that effect.

It is reported that the Spanish Minister, will demand his passports if the bill giving thirty millions to the Presi-dent to purchase Cuba should be granted.

Some discussion appears to have arisen in the U.S. Senate as to the method by which newspaper reporters gain information of the proceedings when in secret ses-

A provision of \$7,500 for a diplomatic agent to reside in Japan, has been put in the usual bill of appropriation for that service.

The re-election of Mr. Benjamin from Louisiana is con

The foot ball in the House of Representatives for he past week has been the Naval Appropriation Bill, which it has been contended should go to the Naval Committee instead of being seferred to the Committee on Ways and Means. On this question there have been warm debates, on the necessity of economy; but as yet we see no result.

we see no result.

127 Mr. Mason of Virginia has also introduced a bill authorizing the President to use the land and naval forces, whenever he may deem them necessary, by reason of the distracted condition of Mexico or the Central American States. Many look on this proposition as clothing the President with all the powers of declaring war, against those States.

war, against close States.

The Pacific Railroad still occupies the attention of the Senate at Washington, and affords occasion for making all kinds of speeches. The Georgia Senator, Mr. Iverson made a severe attack on Mr. Houston to which Mr. Houston has replied. The next day Mr. Iverson responds taking back many of his aspersions. All this kind of debate consumes time, and but little business is done.

done.

Meanwhile the Treasury is unable to respond to the drafts made upon it to pay for the work done on the extension of the Capitol, none of the appropriation bills having as yet been matured, and former appropriations having been exhautsed.

#### Foreign Wool Circular.

The foreign market is thus referred to in the annual circular of John . Bowes & Bro., of Liverpool., Eng. dated January 1st:

dated January 1st:

"At the commencement of the past year the wool rade, like most other branches of commerce, was suffering from the fluancial and commercial panic of the previous autumn, and for the first flve months, though there were occasional fluctuations, there was no real improvement; consumption languished and in April and May prices, in many instances, reached a lower point than during the preceding November. Large quantities of English wools belonging to the estates of bankrupt speculative dealers were sold by auction during the spring, and fleeces, which the previous year had been saleable at 19d to 21d per lb., were sold at 12d to 14d per lb. At this period, as compared with July, 1857, the average decline in the velue of wools generally was 30 per cent, and there were not wanting cases where it reached 40 per cent.

decline in the velue of wools generally was 30 per cent, and there were not wanting cases where it reached 40 per cent.

In June there were indications of some amelioration, which, as the summer advanced, ripened into activity, and during the last six months consumption has rapidly increased, and the trade at the present month presents, in most branches, a satisfactory appearance: one feature being that the recovery of our home manufacturers has been more rapid and general than that of other nations. Concurrently the value of many wools, particularly Merino, also lustrous long-stapled kinds, has advanced to within 5 to 10 per cent. of the highest rates of the preceding year; from this must be excepted inferior "low" wools, some kinds of which still show a reduction of 20 to 30 per cent. in value. The present tendency of the market is in favor of sellers.

There is an impression in the trade that the production of wool during the last few years has not kept pace with the consumption; and it is probable that this feeling is not without some foundation, more particularly as regards Merino, combining domestic, and imported kinds approximating to the latter.

The United States have again appeared as buyers in the English market, and during April and May, wha unwashed Australians and Capes were obtainable below 10d per 1b., purchases were made in these kinds, but it esubsequent advance in value prevented the execution of further orders. Since then there have been operations to a modrate extent, chiefy in Buenos Ayres, Cordova, Peruvian, Mogadore, Turkey, Donskol, and East Indis, but, of wool suitable for the States, excepting the two last kinds, our stocks have for some time past been light."

"She looketh well to the ways of her household, and steth not the bread of idleness."—Provense. mutath not the bread of idleness.

EDITED BY MRS. L. B. ADAMS.

#### LIFE.

Life is most glorious! To live!
To feel warm life the pulses thrill!
To feel the potent power of mind.
The eager heart, the soul to bind All nature with its ardent will :-

The animated, living sense Of Being; - knowing, feeling all;-To nerve the heart with strong resolve To meet whatever shall devolve, To struggle, wilfull not to fall;-

To conquer danger, harbor joy, Subdue all evil, and to plan For any fate, at any hour, And feel within oneself the power, Makes life a triumph unto man.

But then there is another view, Of weariness, and weighty care; And illnesses of soul, and grief, That man, with all his strength, could dare

And most portentous, gathering clouds, That loom the horizon afar, From which the spirit, over-tried, Will shrink, and fear their ills to bide, Before it knows how dark they are.

Yet skies are glorious after storms Though dark and dreary while they last: The sunshine fair, all nature gay As 'tis when storms are passed away,

Makes joy that they have come, and past

Who would not brave a day of grief? 'Tis but a day at best or worst!

To-morrow's draught will be more\_dear After to-day, whose cup while here, We drink of, thinking 'tis accurst.

"Tis one of life's most crowning joys To gain a hard earned victory; To struggle and disarm a foe, The consciousness of strength to know Which, without trial, cannot be

And in this strength exists the charm ;-Life is not lovely to the weak; But those who dare all fortunes meet, And from the bitter take the sweet, Find it more grand than tongue can speak

Yes, life is fair, and you, and I, And every one, if so they will, Can make it so exceeding dear Eternity will but appear
The one existence happier still.

Detroit, January, 1859.

A. G. W.

#### WOMAN'S EDUCATION.

"Woman's humbug!" exclaims old Mr. Fogy, crossing his legs impatiently, and turning the paper to see what is on the other page. "Women have already got more education than they know how to make use of, and still they are crying for more, more! They are the most unsatisfied, discontented, unhappy set of creatures ever put into this world!

"Just so, Mr. Fogy; you never made a truer remark than that. Think carefully over all within the circle of your acquaintance and count how many truly happy, contented women you can find; that is, contented with their lot in life, and as happy as it is reasonable to expect them to be, while subject to the trials and infirmities of

our common humanity." "That's exactly what I was saying. They are a fretful, discontented, unsatisfied set, the whole of 'em, from the Judge's wife down to Polly Scrubs, who gets her living by picking up paper rags in the streets. To speak plain about it, I believe Polly is the happiest of the whole lot. She hasn't an idea above rags, and troubles herself about nobody's education; but now there's Dan. Ames' wife; look what a parcel of crow's feet have gathered about her eyes in the past six years, and she the wife of the richest merchant in town.-She came right out of one of the best schools of the State, where she might have stayed till she got education enough to satisfy her, if it hadn't been that her mother was afraid Dan would be picked up by somebody else, and so hurried on the match. Now she has found out that housekeeping is unsuited to her tastes, her husband's society is not "congenial," I believe that's the word she uses, and she has joined her clamor with the rest, "Give us more education, and fit us for a nobler sphere of usefulness." And that pale little Mrs. Penniman, who married for a home because her father had not means to keep her with his dozen other children at school, see what a life she makes of it! all the while dreaming of poetry, reading autobiographies of distressed and unappreciated authors, forgetting her husband's dinner, and letting the children go to school with soiled clothes and dirty faces! Then there is Tom Rhodes' wife, a plump, stout, healthy woman as need be, able to do all the housework of a two hundred acre farm, yet crazy to sell out and come to town, where she and all the young Rhodeses can have the benefit of high schools, lectures, intellectual society and so forth. Education ! education ! is their cry, when they have already got enough to deatroy all the domestic happiness in the world. Why, there was poor George Thrasher told me that nothing else but the schooling she had, made such a termagant of his wife. At

carry on her studies and her work together, but she soon found that wouldn't go on easily, are gradually formed, that if good, are inand after fretting and worrying over it for a valuable,-if bad, they are hard to eradicate. year or two, she had to give up the books, In every family, there are well defined duties and has been as cross as the mischief ever assigned to the husband; others as clearly since. She will have the newspapers, though, belong to the wife. The husband does not and takes great delight in reading the doings of the strong-minded women. He expects follow the plow. But there is also a shading she will soon get to such a pass that he wont off from these plain duties, of each towards dare to call his head his own; when, if she the other side,-a border ground, where eduhad been brought up as women should be, to cation, or disposition, or other cause, assigns know her place and mind the work that be. longs to her, this restless spirit would never tion as to which it properly belongs. I prohave got into her, to be the torment of her pose, partially at least, to explore this borhousehold. The smattering of education der ground, and give the result of my obserthat women get now-a-days just turns their vations. heads, and unfits them for the common business of life."

"Exactly so, Mr. Fogy; it is the smattergood, common sense philosophy of making are usually incorrigible. the best of it, will take what education they can get, and pass through the world as a for- girl of your choice, and have engaged in tunate class who have, apparently, all their your chosen occupation-a farmer, the son of desires within their reach. But a far more a farmer, - and your wife a farmer's daughnumerous class are those who know just enough | ter. Her mother has taught her the duties to create an unsatisfied hungering for more; of a housekeeper, so that forthwith she enthey have thoughts that can be neither comprehended nor appreciated by those to whom judiciously. For a moment, however, let us they are bound; sometimes, perhaps, scarce- suppose that you have married a girl, whose ly understood by themselves. They cherish injudicious mother consented to degrade hera vague, dreamy idea that with other associa- self to the level of a family drudge, in order tions in other circumstances, they might have to enable her daughters to show white and attained to some intellectual eminence, and soft hands, to live idly, and despise housework. been known to the world and to fame. They Don't fret; you should have been wiser .have little sympathy with, or interest in the But even now, if your wife has a substratum ordinary business of workday life, conse- of good common sense, and is willing to work queutly their duties are performed, not as and to learn, take things kindly,-encourage distasteful as to be neglected, and then, to in due time will come right. If, however, sum up all, you call them, as they are, un- you have taken one "for better, for worse," happy wives, injudicious mothers and wretch- who "hates housework,"-one who performs ed housekeepers. Is not this the result of a her duties as a task, to be shirked as much as lack of education, a want of the proper de- possible,-I pity, but cannot help you. Still the great duties of life are entered upon, can. which, for a time, eclipse every mental aspirather curses than otherwise."

having education enough."

are usually brought up with this one idea bechance for life that boys have, and see if they done. will not meet it as bravely, as cheerfully and the condition of men, both mentally and physically, a few generations hence, if all the boys were hurried through school and married off between the ages of sixteen and and twenty. Would there be any broken

"Can't say-didn't comprehend what you were speaking of," says Mr. Fogy, scrutinizing the wool cuts on the first page.

down constitutions, feeble intellects, unsatis-

fied, discontented spirits among them, do you

#### A Familiar Letter-Husbands and Wives.

Mr. EDITOR :- Your changes from monthly to weekly, and to pay in advance, deserve unqualified approval. You now have room for a greater variety of matter, and therefore I propose to give your readers an occasional article, upon any topic that may serve to en- at Washington, long a "copyist" for the "House," tertain, and at the same time to instruct she is thoroughly initiated into the chicanery of

My early life was spent on a farm, while many pleasant hours since that time have been passed by the farmer's fireside. There her doubts. Give her all wifely honor. She has I have observed many things that were of interest to me; I hope the results of my observations may be useful to others.

Young married people usually assume,

out much thought or calculation. Habits the work to either, without settling the ques-

Before taking up these topics, however, I wish to hold a little friendly talk with my friends,-young married farmers,-for the ing of education that does it, and not the reason that the habits of men more advanced, education. Some women, endowed with the if good, need no strengthening, and if bad,

You, my young friend, have married the ters upon them readily, and performs them pleasures, but as tasks, which soon become so her onward,—do not be fault finding, and all velopment of the intellectual powers before it is of no use to fret. Bear it as well as you

I have only glanced at a possible case. ration, and in the end, effectually prevent the Yours is not of that number, and I congratufree and healthy growth of those mental late you. Yet somethings you will do well faculties that might have been trained and to remember,-things that many strong, instrengthened into blessings; whereas, in their dustrious, ambitious young men overlookdwarfed and warped condition they prove not so much by design, or want of affection, as from sheer ignorance or thought-"Ah, now perhaps you are coming to the lessness. They forget that passage of holy right point in the matter! Getting married writ, that is just as applicable to this life, too young is quite a different thing from not as the next; that which is necessary to health and comfort, aye and profit too, "The one is the result of the other. Girls in the long run: "Giving honor to the re usually brought up with this one idea be- wife as the weaker vessel." This is the keyfore their minds, that they are to get mar- note to my subject. Your wife may possess ried. It may not be spelled out to them in a good constitution; or like many others, it that city. so many words, but that is the manifest end may be rather delicate, without her being and aim of what education they do get; and sickly. One thing is certain: she has not the before they fully know what they are, or strength of an elephant, nor a donkey's power what they might be, they are pushed forward of endurance. Many a man at the age of into society, become bewildered by its plea- 30 or 35, finds, that with an increasing family, sures, fall in love, or think they do, get mar- his wife is often fretful or low-spirited, and ried, and fondly imagine for a time that they she drags herself about the house, and does have accomplished the highest destiny of wo- things because they cannot be left undone, man. But thought will have its waking rather than for the reason that she has hour, and, unhappily for most women, the health and strength sufficient for her work. waking comes too late. There is no going Certainly you do not wish to use your wife, back, repentance is unavailing, they must as the sugar-planters do their negroes, work wear the fetters their own hands have helped her to death—wear her out,—and then, with to clasp, and if they have not the moral courmost exemplary resignntion, look out for a friendship. age and homely philosophy to 'make the best step-mother for your children. No! you of it,' their lot is bad indeed. The cheated never thought such a thing possible. And intellect will have its revenge, and then come let me tell you, many a wife and mother has the unsatisfied longings, the hopeless repin- been literally worked to death. Yet not by ings, which change some women, who might design. The husband meant no such thing. have been the noblest of their sex, into ter- When she died, he, as well as his children, magants and tigresses, while others droop and wept tears of genuine sorrow. Nor were like huge bird-cages or gigantic fly-traps. With sink away into listless dreamers and morbid, they accompanied by remorse of conscience. melancholy mopes. Give girls the same In future numbers I may explain how it was exhibition my ear caught the word 'hoors' and S. Y. E.

#### Household Varieties.

The Court Ladies at Washington .- The Washington correspondent of The Springfield Republican. writes :

When I think of Mr. Douglas's struggles, labors, anxieties, for the last few months, in order to secure his re-election, I conclude that he must have at least had a weary life of it. So much was staked-his fortune, his fame, his hope of the Presidency. The time had come when he must rise or set, brighten or go out in the political world. He sold his house at Washington, mortgaged his large property in Illinois, and during all the burning summer "electioneered" abroad, while his wife electioneered quite as successively at home. On the Sabbath she worshipped devoutly in the Catholic church at Chicago, while during the week she gracefully propitated the Protestants. At the Lake View House she exerted a marked personal influence over the gentlemen congregated there, who as usual were quite willing to be led by a young, beautiful and brilliant woman. Educated political life, and knows how to touch with a sure and delicate hand its most intricate wires. That Mrs. Douglas will do her part toward making herself "lady of the White House, no one who knows rescued Mr. Douglas from at least some of his low assciations. He becomes drunk less often, and in he was once excluded. That he is to-day the

first she would have her books, and tried to each their portion of work to be done, with- to himself. But if only through the lowest syco phancy, the meanest subterfuge, through the pools of craft and falsehood, one is to wade to " great ness," let us all pray to be little.

Apropos of female politicians, Mrs. Douglas is not alone. Mrs. Conrad, a young, rich and lovely widow, "who (another has said) has too good sense to marry," is called the greatest courtveer in Washington, and exerts no small influence over state affairs. Her full-length photograph, with those of all the other beauties of grandpapa Buchanan's court, to be seen in Brady's in Broadway First stands Mrs. Douglas; her physique is splen did-not soft and pliant, but proud and queenly after the Roman model. Dark hair, eyes, classic features, brilliant complexion, with a commanding rather than winning expression. The picture does not do her justice. Her dress of black silk is not becoming, and is made in a fashion which robs somewhat the grace of her perfect form .-Next stands Mrs, Conrad, all grace, clad in black velvet with pearls. A wily, a subtle, a beautiful Greek, with far-searching eyes, peach-tinted cheek and wavy, golden-brown hair. Beside her, stands Madame Le Vert of Mobile, long an habitue of Washington, who for her social genius is pre-emi-nen above all American women. Madame Le Vert, without being beautiful either in form or fea-ture, has reigned as a "belle" since she was ten years old. She has travelled widely, has visited nearly all foreign courts, can carry on conversation in six different languages at one time, and be equal ly charming in all. Yet not in her talents, nor in her accomplishments, lies her fascination, but in the genial sweetness, naturalness, and perfect sim plicity of her manners, which seem to give her possession of all hearts. Her clear, blue eye over flows with the exuberance of kindness, while around the serene mouth all gentle affections seem to have found dwelling. She wears a dress of brown silk with gorgeous bordered flounces, and a crimson rose in her hair. The sweetest compli ment I ever heard for Madame Le Vert, was uttered to me by one of her personal friends: "She is like a flower out in nature." Next her is Harriet Lane of the " White House," Mr. Buchanan's niece. A blonde, cold and statuesque; pure and passionless as marble—one's very admiration gives them a chill. She stands in a verandah, the Capitol in sight. A spray of flowers in her hair falls low upon her bare and beautiful neck. She looks a model of repose; the very Miss Lane whom the papers assure us "receives with great dignity,"-And then, Lady Gore Ouseley, the Yankee English woman, who has seen fit recently to dip her fingers into Nicaragua affairs; who rules not only her own dear "Sir William," but our lady-like old President. Well, she is coarse and homely enough; and, according to the notion of your "Own Correspondent," is dressed in horrid taste. She wear a string of jets around her head of the size of walnuts; another around her neck of equal rotundity. She does not seem to care for an ample skirt, has utterly discarded the "line of beauty" in its "fall," for it is "skimped," shorter behind than before, and the flounces curve up on the sides. But she has a falcon eye, and her whole bearing indicates, in even more than an ordinary degree, the woman's penchant power to "rule."

A Miss Isabella Hinkley of Albany, New York, has made her debut as a songstress, at Florence, Italy, and was well received by the fashionables and distinguished personages who reside in

The government of Sweden have grante the privilege of voting to fifty women owning real estate, in that kingdom, and thirty-one doing business in their own names. We are not sure that this right gives any of these electresses the privi- but paupers and reform. Do let us wait till lege, of being chosen as a representative, but we do not see why it should not.

On Dits .- The Washington correspondent of the N. Y. News states that there is a rumor that Miss Lane, Mr. Buchanan's niece, is shortly to be married to Mr. Magraw, of Baltimore, brother o the State Treasurer of Pennsylvania.

Miss Hosmer, the sculptress, has returned

A correspondent of the Boston Courier on a shopping expedition with a lady in Broadway makes some novel suggestions as to the possible uses of hoops :

"And now my companion silently ascended two flights of stairs ; I silently followed ; we entered wonder threading my way through this strange in a moment the whole mystery was patent. I was in the presence of those cunning contrivances stration. The attendant cooperess suggested to my companion that twelve hoops would be enough for her! I longed to ask many questions whether the number of hoops bore any relation to the quality of the staves-whether a stout woman required more hooping than a slenderer sisterwhether a passionate woman, as being likely to burst into a rage, would be safer with seventeen hoops than with ten-but I didn't dare. How the article, when purchased, was to be got home, I could not imagine; but my wonder was great when the cooperess aforesaid handed me a flat, thin parcel. 'Where is the-the-arrangement?' faltered I. not well knowing what to call the hoops, but making my meaning clear by pointing to one of the pendant fly-traps. 'This is it,' said she, benighly smiling, and thrusting into my nervous hands the parcel. I said nothing-indeed, there in Broadway, looking like a happy father with an invoice of battledores under his ed my shopping; when I do the like again, I shall be younger than I am now."

No Old Maids in Japan .- No single women are allowed in Japan. Every man is allowed one lewhose relatives are unable to maintain them, and the children are all adopted by the legal wife, who is the only acknowledged mother. The old rule is boy not knowing his own father, hundreds do not great man of the political world, he probably owes know their own mother.

THE RED RIVER VOYAGEUR.

Out and in the river is winding The links of its long, red chair Through belts of dusky pine-land
And gusty leagues of plain.

Only, at times, a smoke-wreath
With the drifting cloud-rack joins, The smoke of the hunting lodges Of the wild Assiniboins!

Drearily blows the north-wind From the land of ice and snow The eyes that look are weary,

And heavy the hands that row.

And, with one foot on the water,
And one upon the shore,
The Angel of Shadow gives warning That day shall be no mo Is it the clang of wild-geese?

Is it the Indian's yell,
That lends to the voice of the north-wind
The tones of a far-off bell? The voyageur smiles as he listens To the sound that grows apace ; Well he knows the vesper ringing Of the bells of St. Boniface.

The bells of the Roman Mission. That call from their turrets twain To the boatman on the river, To the hunter on the plain!

Even so in our mortal journey The bitter north-winds blow. And thus upon life's Red River Our hearts, as oarsmen, row.

And, when the Angel of Shadow Rests his feet on wave and shore, And our eyes grow dim with watching And our hearts faint at the oar,

Happy is he who heareth The signal of his release In the bells of the Holy City, The chimes of eternal peace!

J. G. W.

# REFORMING THE WOLVERINES.

CHAPTER V.

It soon came to be pretty well understood about the settlement that Mrs. Mystie instead of refusing to see her neighbors, as the Doctor had more than hinted, was anxious to visit and be on friendly terms with them, but was prevented by her husband's unwillingness to accompany her, and her fear of being lost in the woods if she should attempt it alone. Some therefore, who found it convenient made her a second or even a third call before their first was returned; and indeed, only two of them all were ever returned, for during the five months she lived in that little but she was never away from home but twice.

It was on a bright March morning that Mr. and Mrs. A. made their second visit at the Doctor's. They hoped to find Sophia alone, but as they were going up the ascent before the door, they saw the Doctor come out with a pail of ashes and pour them on a large pile which almost blocked up the entrance; his wife followed with a broom, sweeping off the narrow board that separated the ash-heap from the door sill.

"He is there," said Mrs. A, drawing back, "he is there, and we shall hear of nothing another day, we may find her alone."

"No, leave him to me," said Mr. A., "let me manage him; we will see if any one else has a right to speak but himself."

The Doctor looked very sullen when his guests entered, and for nearly a half an hour the civility of entertaining them was left ento Rome, and lives with Charlotte Cushman, be- tirely to his wife. The conversation went on cheerfully awhile, but at length music was mentioned, and Sophia was asked to sing and play on her accordeon. While taking the instrument from the box she chanced to speak

of her piano. "I miss it very much," she said; "I should feel quite happy if I had it standing in that a room from whose ceiling depended what seemed little corner at the foot of the bed; it would

be so much company for us." "For my part," interrupted her husband. "I'd rather hear the music of nature than all the pianos in New York. You Broadway whose effects I had daily seen, but of whose ac- folks can't be satisfied with nature, you must tual entity I had never before had ocular demon- have your finery, your pianos and your novels, you can't bo satisfied to live as nature made man to live. Here we have the great book of the universe spread out before us, we have birds for music, and every thing around to make us happy, while in the city of New York alone there are more than fifteen thousand paupers, persons who in the morning don't know where they shall lay their heads at night. How many of them would be glad of as good a home as this."

"Yes, it is true,," said Sophia, thoughtfully, as with the accordeon on her hand she sat prepared to sing.

"Here," continued the Doctor, placing himself directly before Mr. A. and drawing a was nothing to be said; so I found myself again late number of his new reform paper from his pocket, "here is a 'Treatise on the causes of pauperism, containing suggestions for its prevention in the future cities to be founded by the Brotherhood of Universal Reformers.' Now sir, this is a scientific article. It begins gal wife, and as many second wives as his means at the beginning. It proves that ignorance will allow him to support. The second wives are of the first principles of Phrenology is the selected by law from the poorer classes of society, cause of all the pauperism and wretchedness in the world; and I believe it, Sir; I believe it: it's laid down so plain that you can't dissocial life is now admitted into society from which therefore reversed in Japan, where, instead of a pute it, that if a child's head is shaped in a certain way when he is small, he will just as certainly turn out to be a poor miserable pau-

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rich man. Phrenology, Sir, will be found at Hear what its says-"

Mrs. A. glanced imploringly at her husband, who immediately interrupted the Doctor by saying, "I beg your pardon, but really Doctor, an article on that subject ought to be studied to be understood. It is one that re- give: he did not consider his promise bindquires deep thought. If you will be kind ing, and after one more interview with Mr. enough to lend me the paper I will take it Dale, on which occasion he gave him a piece home and study it as I get leisure; I shall of his mind pretty plainly, he resolved to understand it better and have more time to hold no further communication with him as meditate upon it."

"Well—hem—I thought I could read it to face was anything but agreeable. you in an hour or two; there are but four columns and a half; it's very interesting;" said the Doctor, hardly willing to give it up. pass by his house. Once or twice he called "For that reason it requires more time,"

and reflect in order to comprehend a subject

of so much importance."

The Doctor very reluctlantly handed his paper to Mr. A. who gravely folded it up and He urged her to visit his wife, but she told placed it in his inside coat pocket. Standing him she had no means of riding, she was not with his back to the door and his hands cros- accustomed to walking, and more than all, sed behind him, the Doctor looked as if he her husband would be displeased if she went had been deserted by his last hope. Sophia improved the moment and began to sing "On old Long Island's sea girt shore;" but before

"The music of nature is beyond anything ments and citified notions. Why can't we be make her his guest. satisfied with nature? it's greater than the city, greater than anything that man can make.

"Did you bring any piano music with you?" asked Mr. A. of Mrs. Mystie, without attending to the Doctor's remarks.

"O, yes; a greal deal more than I shall ever have occasion to use here," said she, opening at the same time a large trunk half filled with sheets of music, and raising these for her to read, she might cultivate her mind she took from beneath them two splendidly and leave gossipping to others. bound and illustrated music books. All except the Doctor were soon engaged in admi- they will think strangely of me if I do not ring the pictures, the songs and the music; visit them at all;" said Sophia. the reformer could endure it no longer, so drawing his cap down to his eyes he made a sudden exit from the hut and went off among what they think. They're not the kind of the knobs to meditate on the beauties of na-

But a merry little company was that he left behind, Without remarking on his absence they felt relieved, they chatted and laughed, and Sophia sang, and even the yelment. She sat on her mistress' lap without fear of being thrown over the house or into the brush by her dreaded master; her virtues were enumerated and praised, and her fault, she had but one, that of playing with the himself, was commented upon though very leniently when it was known how many kicks she had endured without reforming, for then which she was not responsible.

Thus an hour passed pleasantly away, and just as the visitors were about leaving, the they found it alone. Doctor returned. He detained them only long enough to entreat Mr. A. to be very careful of his newspaper as he wished to pretreatise explaining the origin of pauperism.

undoubtedly succeed.

After this, Sophia spent one afternoon at Mr. A's; the only other visit she made was at the house of a worthy old Englishman who lived some three or four miles away. It was per bar put his little head under the lid and in the house of a worthy old Englishman who lived some three or four miles away. It was per bar put his little head under the lid and "Aye, that it will!" ejaculated Mr. Dale, salt rising, so I have not had a loaf of light bread in the house this winter."

"Aye, that it will!" ejaculated Mr. Dale, salt rising, so I have not had a loaf of light bread in the house this winter."

"It is only quite lately that I have had a lived some three or four miles away. It was per bar put his little head under the lid and a stolen visit and one that her husband would looked wishfully at the crumbs on the bot-This Englishman, whose name was Samuel string—the standard and the lid fell; she ran Dale, better known among his neighbors by to secure her captive, but he was gone! While marriage, and against whom that worthy individual cherished a secret and lasting horse. grudge, the origin of which was this. When in his bachelor days he had decided on making the important change in his condition, and had, as related in the first chapter, met with one disappointment, he applied to Uncle Sam for advice and requested his assistance in choosing a wife. Uncle Sam who loved a joke, first made him promise that he would leaving the house, but these were all overmarry the woman he should designate; the ruled, there was a strong lock and key to the that the Doctor brought home four onions poor Doctor was willing to promise almost anything so that his new coat and the extra very soon Sophia was seated in the little wagcup and saucer he had bought for his first on by the side of Uncle Sam. love might not be entirely lost. Uncle Sam manifested much fatherly anxiety for the Doctor's future welfare and spoke long of the qualifications a woman should possess to make him happy; he then informed him of the name and place of residence of a lady of his

another way, will turn out to be a wise and at the house and enquired for the lady, he was shown an antiquated dame in spectacles, the bottom of all our Sciences yet. You'll who, with her pipe and knitting, sat quietly get a pretty good idea of it from this article. in a corner rocking with her foot a cradle which contained the youngest of her numerous grand chrildren. He was disappointed, mortified and very angry, for he had expressly told Uncle Sam that he wanted a young wife. It was an insult he never would forthe quizzical smile on the old gentleman's

It so happened that after the Doctor's marriage Uncle Sam had frequent occasion to in and had a sociable chat with Sophia, then persisted Mr. A. "I must have time to study he took his wife to see her. Much did he wonder, as did every body else, how she came to marry the disagreeable creature and allow herself to be brought to such a place as that. without his permission.

But Uncle Sam was not to be baffled : he thought from Sophia's free-hearted way of the first strain was ended her husband ex- speaking that if he could once get her to his own house, talking freely with his good wife and his still more sociable self, the whole cision, lay caressingly against her cheeks, covthat man ever invented yet, give me nature mystery of her marriage would be made clear. ering many a wrinkle made by time and toil

> Sophia mentioned this invitation to her husband, who had been absent when Uncle her eyes had escaped their blighting touch.visiting that family, and when she replied that a maiden in her teens might have been proud she had quite fallen in love with good motherly Mrs. Dale, and that she wanted just such a friend after having lived alone so long, he told her he would not hear of it; she might and there was a coaxing, winning, petting find friends enough in the papers he provided

"Our neighbors have been very kind, and

know is dig, dig, dig, work, work, from one year's end to another."

"It would be better for us if you knew, or at least practised more of that yourself," said Sophia; "Mr. Dale wondered why we had no feet buds and roses! but the butter itself West, where, it was said, he owned a farm

"I don't live for such things," he interupted; "I've other things to think of."

Monday of each week was the day on which the Doctor usually went to the post office, a you to fetch it." Doctor's suspenders when he was dressing distance of six or seven miles, and he seldom returned before night. The Monday after the above conversation he set off at a very early first I have seen in nearly five months." hour, leaving Sophia with strict injunctions to it was considered as a fault of her nature for stay at home, as all their neighbors, he said, watch every opportunity to rob the house if

Without any fear of being attacked by robaway from any traveled road or human habiserve that particular copy on account of the tation, Sophia sat down by the window to watch the birds. This was her favorite and It may as well be observed here, that the pa- almost her sole employment whenever her then went to an oven in the corner where some asking the cause, he lets me have no associated as a solid like the corner where some associated as a solid like the cause of the cause in the cau per was kept a week or two without ever husband was absent, though as yet all her efbeing unfolded, and when Mr. A. returned it forts to catch them had been unavailing. But While she was taking them out she asked and heartless for all his professions. O, we to its owner he assured him that if the printer they had grown quite familiar with the apciples it advocated should prevail they would pearance of the cage, they ventured to light in making bread. on the stump, and one even rested his feet for "I use neither;" said Sophia. "I cannot day will come yet!" After this, Sophia spent one afternoon at a moment on the bars of the cage itself. He never have permitted had he been consulted. tom. Sophia's hand trembled-she drew the the familiar title of Uncle Sam, was a shrewd she stood regretting her haste she heard the but benevolent, kind-hearted man, who had rattle of wheels, and presently who should been acquainted with the Doctor before his drive up to the door but Uncle Sam himself in his own little wagon drawn by a stout farm

"Now misthress," said he, speaking with a broad English accent, "I've come to take you to see my 'coman this fine mornin'. You've etables, and Sophia, who seemed rather wiltoo bad entirely; aye, that it is."

Sophia though delighted with the prospect door by which it was securely fastened, and

"What if he should come home first?" said she, with a feeling of apprehension.

"Never fear, misthress, never fear; it's quite early yet you see. You shall have some more than a week. I never lived so before; dinner with us and stop a bit, and then come I have borne it as patiently as I could, but no, never." home afore night. He'll never know if you there is no need of it, we might as well live acquaintance whom he believed was endowed don't choose to tell; and if he should what comfortably as otherwise." with the requisite virtues, and sent him on his harm is it? He leaves you alone a great deal,

per, as another child, whose head is shaped errand of love. When the Doctor arrived I'm sure he shouldn't complain of you for work for it," said Mr. Dale who came in while going once."

> Sophia felt the truth of what he said, so up to the enjoyment of the ride. Many a ner. pleasant story had Uncle Sam to tell, beguiling the time as they wound slowly among the knobs, many a reminiscence of life in old England was brought up in sad contrast with laborious life in the West. When at last they a brisk trot which in a short time brought them to the house.

Mrs. Dale received Sophia very kindly .-She led her to a chair, took off her bonnet, untied her cloak, talking all the while and saying how glad she was her husband went everything within and around looked so tidy and comfortable, Mr. Dale was so cheerful, comed here that ye think would do the like his wife so kind, the room so light and pleasant that Sophia felt quite happy at having escaped for a day from her own dark, smoky little prison.

Mrs. Dale was a brisk little body, continually trotting about to see that everything was in order, though nothing ever seemed to get out of order in her house. She wore a dark quite grey and cut square across her forehead, her cap was as white as her apron, and the broad frill, quilled with quaker-like preas she is, I want none of your artificial senti- He went home resolved at no distant day to and early hardships. But whatever ravages time and trouble might have made with the other features of her face, it was plain that Sam was there. He forbade her to think of She was now in her fifty-ninth year, but many of such a pair of soft, mild, lustrous black eyes. Her voice was somewhat broken by the loss of teeth, but she always spoke low, way with her which completely won Sophia, whisper, the conversation was resumed. and led her on little by little till she told her whole story.

> Mrs. Dale was working over a churning of fresh butter, and she showed Sophia a pretty phan and having been left a widow also withstamp, representing a branch of roses, with out any other means of support than her own which all the rolls were marked before send- talents, she had maintained herself by teaching them to market. Everybody knew her ing music. There were times when that was stamp, she said, she was very proud of it, havpeople I want you to associate with; all they ing brought it all the way from England where she had often refused to part with it, though dairy-women envying her its possession had tempted her with money.

"It is beautiful;" said Sophia, "what perlow cat came in for her share of the enjoy- cow or pig or chickens, not even a dog about looks far the most tempting to me. I don't partly under cultivation, with a good house see such beautiful rolls every day."

"Don't you ? yes, my 'usband he was telyour butter at market? it's a long way for

"We do not have any at all," said Sophia, "and excepting once at Mr. A's., this is the

"O, dear! and is it possible? i'ts too bad

milk for biscuit either ?"

"No; I make little cakes of flour and water hardly speaking above his breath. mixed with Indian meal; It does very well, light bread."

"Yes, so you do, I expect; my 'usband he

always gets yeast for me at the brewery." Mrs. Dale's conversation always ran upon practice on this new theory." whatever chanced to occupy her hands at the moment, so when she came to prepare him there;" said Mr. Dale solemnly. the vegetables for dinner she talked of vegben alone all winter mostly, and it's too bad, ling than otherwise to impart all the informaling. "I shall not object to that. There will tion she saw the good woman desired as to be time enough for me to take care of mythe state of her own culinary supplies, told self afterwards. I have friends, and I can of a ride and a visit, had some fears about her that potatoes were the only vegetables she had had since she came there, except once and allowed her to cook one every other morning till they were gone, "then," said she, "we lived on perk and potatoes again. We have neither tea or sugar,—yes he did bring home a pound of sugar once, but I did not know it till it had been locked up in his trunk ted her by saying earnestly.

"Thrue, misthress; thrue, but we must

Sophia was speaking.

"Yes, we work for what we have;" added throwing off all uneasiness she gave herself Mrs. Dale who was laying the cloth for din-

"And I am willing to work," said Sophia, "if I had work to do. I spoke about making garden yesterday and I told the Doctor I would help him carry rails or burn brush or the happier, more independent though still anything else he could ask of me; I never did such things or saw them done, but I think I gained the level ground the horse was put to could if it was necessary. But he declares that if we attempt to make a garden the neighbors will come nights and destroy it all."

"Not a bit of it, misthress, not a bit of it." exclaimed Uncle Sam, indignantly. "If they don't like the man over well, haven't they all and fetched her. It was a log house, but enough to do to 'tend their own farms and gardens? And have ye seen one sens ye of that to any man?"

Sophia acknowledged that she had not, but that on the contrary she believed they would all sooner spend a day in helping them make improvements than they would an hour in destroying them after they were made.

"Aye, aye; so they would, so they would, for your sake, misthress;" said Uncle Sam .cotton dress with a very narrow skirt, and a "They didn't care so much for him when he very wide, snow-white apron. Her hair was lived alone, he could do as he pleased, you see, but iverybody knows a 'ooman must be took care of. There isn't a man but would help him now if he'd go to work. You see how it is; we all work hard and we don't want to pick fault with them as doesn't, not while they lives to theirselves, but when they get a ooman to suffer, why, then misthress, you see neighbors will know how things goes on, and they will talk about it."

"It is well enough that they should," said Sophia, "for no man has a right to treat a woman as I have been treated since I came

They now sat down to a plentiful dinner and after a short grace spoken in a reverent

Sophia freely told the good couple that she had lost all respect for her husband, she had never loved him, of course. She was an orunprofitable, and then she made her home with a married sister who had a large family of her own growing up around her. She felt herself an intruder there, she was without a home, and wanted one. Dr. Mystie was introduced to her as a gentleman from the and other conveniences upon it. She had always felt a romantic desire to visit the West, ing me you had no cow; and do you buy and now the prospect of securing a home thereby, induced her to accept at once the Doctor's proposal of marriage.

"Yes," continued Sophia, while her lips quivered slightly, "like a hungry fish I caught at the bait, and here I am. I speak plainly because I see you all know him better than I to be kept so, you poor 'coman. Now if you do. He is poor, but of that I should never had proved themselves his enemies and would lived a little nearer us, as I often tells my complain if he would work, if he would try 'usband, I might send you a bit ivery week; to make something to which we might give I could spare it as well as not, you see." So the name of home, I should be contented saying Mrs. Dale placed the rolls neatly be even in that desolate spot, and willing to do bers, though the place was wild and lonely, tween two white cloths in a basket which she anything a woman's hands can do to help afterwards carried down cellar that the butter him. But he will not, he reads his papers might keep cool and fresh till morning, when all day and talks of his reforms all night .her husband would take it to market. She He starves me; he sees me weep without ever loaves of light white bread were baking .- tions with any of my sex, he is unprincipled long dark winter in that lonely hut! But my

"Haint you, indeed? poor 'ooman; and no hope at all;" said Sophia, more calmly. "Ah, and what is it, dear?" asked Mr. Dale

"Some one has sent him a paper explainthough I often get tired of it and wish for ing the principles of the Water Cure system, and since he finds that he cannot fool Western people with his reforms he talks of going back to one of the New England States to

"Ah, misthress, leave him; don't go with

"He will pay my expenses as far as to where my friends live;" replied Sophia, smiearn my living as I have done before."

"Aye, that you can, better than he does it for you, surelye;" said Uncle Sam with energy, and giving a very strong emphasis to the last syllable.

Sophia began to say something about hoping her husband would not hear of her intention of leaving him, but Mr. Dale interrup-

"Don't think it, misthress; don't think it;

"No, don't think of us putting anything in your way, poor thing, echoed his wife. When it was time for Sophia to go home,

Uncle Sam brought his horse and wagon to the door, while Mrs. Dale, taking from her pantry a basket covered with a white cloth, said laughingly,

"Now you shall have something good to lock up in your trunk ;" lifting the cloth she discovered a loaf of bread and a roll of buter. Sophia felt as though she could not be sufficiently thankful, but she expressed her gratitude as well as she could. While she was getting into the wagon the old lady

"Now if you are ever sick, or want anything, just send here; poor 'coman, how I pities you, if you should be sick away in that place alone; but just send for me, no matter if it is a great ways, or in the night, or anything, I'll come and stay and take care of you; now good-bye-the Lord bless you."

Mr. Dale drove off at a smart trot and was fortunate enough to get Sophia home before the Doctor returned. She did not inform him of this visit till some days afterwards, and then he was so much occupied with his new study that he paid very little attention to her, though she shrewdly suspected that the bread and butter which she generously shared with him had something to do with softening his displeasure.

#### Household Recipes.

#### Little Boy's Pudding.

One tea-cup of rice. O e tea cup of sugar. One half tea cup of butter.

One quart of milk. Nutmeg, cinnamon, and salt to the taste. Put the butter in melted, and mix all in a pudding dish, and bake it two hours, stirring it fre-

quently, until the rice is swollen. This is good made without butter.

To Cook Celery.

Celery White Sauce.—Take two nice white heads of Celery, of medium size, and one small Onion; shred them rather small, and then stew them in a pint of water, with a tea-spoonful of salt, till they are quite tender. Mix an ounce of butter with some flour, to which add a quarter of a pint of cream ; add these to the stewed Celery and Onion. and boil the whole up together, stirring it all the time. Flavor with a squeeze of lemon.

A plainer sauce than the above, and quite good enough for ordinary use, is made by cutting a large head of Celery fine, and boiling it till soft in a pint of water. Thicken it with butter and flour, and season it with salt, pepper, and mace.

Celery with Cream.—Select the finest and whitest part of a head of Celery, and, after washing it per. fectly clean, cut it into lengths of three inches, Boil it tender, and strain it. Then beat up the yolks of four eggs, and strain them into a half pint of cream, adding a little salt and nutmeg. Put the whole into a tossing pan, and set it over the stove till it boils to a proper consistency, and then send it to table with toasted bread under it,

Celery, Essence of .- This will be found very useful for flavouring soups, or broth, of any kind, and a few drops of it will communicate the Celery flavor to a pint of soup. Bruise half an ounce of Celery-seed, and put it in a bottle ; then pour over it a quarter of a pint of brandy; and, after standing a fortnight well corked, strain the spirit from the seeds, and bottle it, when it when it will be fit

Celery, to Fry .- Boil a head of Celery till it is tender, and then divide it into two. Season it with pepper and salt, and fry it with butter, or

dripping, in the frying-pan.

Celery with Gravy.—Take what quantity you please of heads of Celery, cut them into short pieces, parboil, and drain them. Then put into a stewpan some fat, and a spoonful of flour, which brown. Add to this, gently, a ladleful of broth, a bunch of Parsley, some salt and pepper, and let it stew a quarter of an hour. Then put in the Celery and some gravy, and let the whole stand till the sauce is reduced, when serve.

Celery Soup.—Let the sticks of Celery be well washed, and then cut into lengths of about two inches. Put them into clear gravy soup, and stew them in a soup-pan by the side of the fire for an hour, till tender. If any scum rises, take it off .-Season with salt.

When Celery cannot be procured, a few drops of the essence, described above, may be used; or half a drachm of the seed, pounded fine, put in a quarter of an hour before soup is d little sugar, will give as much flavor to half a gallon of soup as seven ounces of Celery.—Rogen ASHPOLE, in Cottage Gardener.

#### For our Young Friends.

Miscellaneous Enigma. I am composed of 7 letters.

My 2, 3, 5, 4, is part of a house.

My 1, 6, 7, is what farmers do.

My 1, 6, 7, is an adverb.

My 1, 8, 5, is a nickname.

My whole is a kind of a bird.

Nies.

Geographical Enigma. I am composed of 19 letters.

My 15, 19, 4, 14, is a river in Russia.

My 11, 5, 12, is a cape of Massachusetts.

My 6, 2, 13, 4, 19, is an inlet, off the eastern coast of the southern States.

My 7, 9, 1, is a mountain in Massachusetts.

My 19, 18, 17, 2, 19, 11, 10, is a fortified city in Asia.

M. H. L.

Asia.

My 6, 8, 11, 19, 8, 9, 7, 16, 18, is a harbor on the coast of Florida. My whole is the names of two distinguished men who lived in the 16th century.

Casco, Mich.

Answer to Anagrams in last number :-Dissemination Pedagogues Parishioners Presbyterian

Victoria Regina in Old England. Answer to Miscellaneous Enigma in last number-Alexander Hamilton. Answer to Geographical Enigma—ADRIANOPLE,

#### MICHIGAN FARMER. R. F. JOHNSTONE, EDITOR.

Publication Office, 130 Jefferson Avenue. DETROIT, MICHIGAN.

# THE MARKETS.

Flour	and	Meal.

Article.	D	etroit.	New Yor		
Flour, superfine \$ bbl,	4.75	@5.00	5.00	@5.25	
Extra	5.25	@6.00	5.80	@6.50	
Double Extra,	5.50	@5.75	6.50	@7.00	
Otter Pamily		6.00			
Corn meal, per 100 fbs,	1.50	@1.62%		1.50	
Buckwheat,	2.00	@2.25			
Rye flour, per bbl,		-	3.40	@3.50	
Mill feed, Bran, per ton,		14.00			
Coarse Middlings, "		18.00			
Fine Middlings, "		22.00	J		

Article.		Petroit.	New York.		
Wheat, White, Red Winter, Corn mixed western, Oats, Barley, \$100\textbf{D}s,	$     \begin{array}{r}       1.00 \\       0.70 \\       0.42 \\       1.12     \end{array} $	@1.25 @1.10 @0.75 @0.45 \(@1.87\)	1.40 1.30 0.86 0.62 1.56 0.95	@1.50 @1.35 @0.90 @0.63 @1.92 @0.90	

We notice that the least sign of buoyancy in the bread stuff market, agitates the dealers, and send their pulses up to almost fever heat. The news brought by the late steamers from Liverpool although not influencing, or giv-ing any good reason for the belief that the export de-mand could possibly be affected, yet set the Chicago dealers on the qui vive at once, and sent the prices of winter wheat in that market up to 6 and 7 cents on the bushel, sind flour from 20 to 25 cents. In that market the stock is accumulating, and there have been increased receipts is accumulating, and there have been increased receipts since the first of January. There is, however, nearly 200,000 bushels of grain less in store at Chicago, than there was last year. This is owing in some measure to the fact that the shipping demand was good to the close of navigation, while last year the whole business community was laboring under the numb palsy. All matters are dull in Buffalo at present. In New York there is much more frames amongst holders, prices have gained much more firmness amongst holders, prices have gained omewhat, and at the same time there are symptoms of a better home market during the spring months than was expected, and the immense stock which filled up New York at the commencement of the winter season is being worked down steadily and at a faster rate than dealers expected. All this gives a confident feeling to

There has been sold in this market about 2,000 bbls. of flour during the week, ranging from \$4.50 for superfine to \$5.50 for extra. The receipts of wheat are very light,

and sales for milling purposes are mostly from store at from \$1.46 to \$1.20 per bushel. Corn has advanced, and we note that sals are made from street at 65 cents, whilst large lots delivered by railroad are bringing 70 cents.

Oats remain firm and steady, and bring from 44 to 45 cents, for lots sold in the street. The receipts are light, however, and not over 400 bushels have been in market during the week.

We have nothing to say relative to barley this week; but few sales have transpired and buyers are not dispos-

ed to allow last weeks quotations.

Messrs. J. L. Hurd & Co., notify us that they have completed their arrangements with the several lines of transportation, and they are now prepared to make contracts for the freight of flour, wheat, corn, pork, beef and all other produce to Buffalo, Albany or New York both by railroad and canal, on the most reasonable terms— Their lines of propellers have been the first to reach Buf-Their lines of propellers have been the first to reach Suf-falo every season, and as they are built, fitted up and pre-pared to make rapid trips, besides being in the charge of officers who are the most reliable that can be found on the lakes; their agreements for transportation are fulfill-ed to the letter, with a promptitude that commands con-fidence in city and country, throughout the whole north-west. No firm stands in higher credit at the east. Amid the general crash and confusion of 1857 they stood firm as the nyramids, and came out, uncenthed and, with all as the pyramids, and came out unscathed, and with all the honors that could be conferred by a more firm conf-dence in their integrity and the high position which they so descreedly occupy in the commercial world abroad and at home. For let it be known, that the name of J. L. Hurd & Co., is as reliable on the Liverpool Corn Exchange as in Chicago, Detroit or Buffalo.

A correspondent from Burr Oak writes thus of busi-

ness in that place:
"White wheat No 1, \$1.05; Red wheat, \$1.00; Corn \$20 per bushel. By e 50e; oats 31e; barley 35e to 50e; beans 40 to 60e; potatoes 25 to 40e; pork, dressed, 5e; beams we to over; potatoes 25 to 40c; pork, dressed, 5c; beef 3½ to 5 cents. Green hides 5½c; dry hides 12c; butter 12c; tallow 10c; green apples \$1 to 1.50 per bushel. The above were the prices paid here on the 25th. Busisiness in Burr Oak is active, and I think will compare flavorably with the neighboring towns."—I G.

#### favorably with the neighboring towns."-J. C. A. Live Stock, &c.

Article.	Detroit.	Ne	w York.
Oattle on foot, 1st quality, do medium, Beef in carcase,	0.3 @ 0.8% 0.3%@ 0.4% 8.00 @ 3.50 0.4 @ 0.4% 5.75 @ 6.25 5.00 @ 5.50 0.4 @ 0.4%	0.5 8.75 0.5 7.50 7.00	@ 0.5½ @ 0.5 @ 0.7 @4.25 @ 0.7 @7.75 @7.25 @7.00

#### Hides,..... 0.7 @ Provisions, Cured Meats and Fish

Article.	Detroit.	New York.
Pork, Mess,	14.00	17.50 @17.75 13.00 @13.75
Shoulders, Hams, Lard, Tallow, Whitefish, %%bbif, Butter, fresh roll, " In firkin,	0.8 0.12 10.00 14.00 0.10 0.9 8.50 0.13 @0.17	0.9¼@00.13 10.50 @11.50 14.00 @15.00 00.11 @0.11¼ 00.10 @0.10½

There has been a better supply of cattle the past week, in fact more offered in this market than were wanted for the local demand. W. Smith purchased six head of very good cattle from a new drover named Mackintosh, at 3 cents, and John Hull has been making some purat 3 cents, and John Hull has been making some purchases ranging from 2½ to 3½. He says, however, he would rather give four cents for cattle that are worth it. In the street good common fore quarters sell at 4 to 4½, and hind quarters bring from 5 to 5½. Such quarters weigh from 100 to 150 pounds. There are some of Whitfields Southdown sheep in market, but they are not yet sold. Good common sheep are worth \$3 to 3.50 per head. Carcases of mutton are selling in market at 4 to 4½ cents, weighing from 35 to 45 younds.

W. Smith, the butcher, bought twenty head of choice swine at \$6.37%; they were, however, of the best quality besides being heavy. Good fair light carcases of pork are going rather slow at \$6, and a good many at not over 5.50 to 5.75.

5.50 to 5.75.

The eastern market seems to be pretty well over stocked, and the prices given at the Wednesday sale are far from being encouraging to those who are pushine forward only the poorer qualities of cattle. The best are always seld at good prides. The telegraph report says:

Bcef heavy and at an advance of half a cent; the offerings were of fair average quality, and demand very steady; receipts upwards of 2,300; quotations 8½,36½ for common, and 100,10½ for first quality. Mutton a trifle higher, prices ranging from 3 to 8 for average stock; 10% 10½ were paid for extra; receipts 1,000. Swine dull; supply plentifal; receipts were 10,000 corn-fed at 6%6½; distillery 5½.06.

Wool.

#### Wool.

Quality.	D	etroit.	N.	York.	1	Boston.
Saxon and Silesian, Merino, full blood, ¼ & ⅓ blood, ¼ and grade, Native and coarse woo	40 40 15	@47 @44 @37	55 45 87 35 80	@60 @50 @42 @38 @35	56 46 38 35 30	@62 @50 @45 @40 @35

Since last week we have learned that Mr. John Stark-weather, of Ypsilanti, the well-known breeder of pure Spanish Merinces, has sold his stock of wool, which we believe consisted of the clip of 1856, 1857 and 1858, for 50 cents per pound, to the agent of a Boston house, who was around picking up fine lots. The price is pretty good evidence of the quality of the article sold, and its

good evidence of the quality of the article sold, and its age also had to be taken into consideration. We note also that S. Folsom bought another lot pulled wool of J. S. Weil & Bro., of Ann Arbor, at prices ranging from 40 to 45½ cents, being an advance of half a cent. We are informed also that Luther James, of the same place, sold within the last week 20,000 pounds at 47 cents. There are all cash sales.

The reports from the eastern markes indicate extensive firmness, but without any quotable advance during the week. We notice that a change has taken place in the method of conducting the trade, which must have affected prices. Heretofore the wool dealers in Boston have sold on a six months credit; now they have agreed to sell only for cash, and the sales which have been made since the first of January have been made at

been made since the first of January have been made at the same prices on which a six months credit had been given. The Boston report is:

"An important change has been made this week in selling domestic wools. Dealers have agreed to sell only on a cash basis, and the transactions hereafter will be reported at nett prices, instead of 6 mos, as heretofore.—This is now the basis for the article in all the principal markets of the country. There continues to be a very firm and buoyant tone to the market, with a good demand, but our small stock prevents any large transactions. Prices are gradually tending upward, and have generally advanced during the week. We do not alter our quotations, but would remark that the article is now sold for cash at the same prices as were obtained last week on 6 mos. The transactions of the week comprise 185,000 bs. fleece and pulled, including some to arrive from other markets, at our quoted rates. In foreign wool a very good business has been done and the market is firm."

At Philadelphia there have been considerable sales a

market		•								
8,000 1	bs fine				 	 	 	 ٠.	71%c.	eash
20,000 1	bs full	blood			 	 	 	 .5	7a78c.	cash
20,000 1	bs 3/4	blood.			 	 	 	 	55c.	cash
30,000 1	bs do				 	 	 	 	51c.	cash
18,000	bs 1/a	nd 34	bloc	d.	 	 	 	 .8	9a52c.	cash
25,000 1	bs 36 1	blood.			 	 	 	 	45c.	cash
20,000	bs Mer	ino p	ulled		 	 	 	 	460	cash
85,000 1	bs tub	wash	ed.		 	 	 	 .4	3a50c.	cash
8,000	bs exti	a pul	led.			 	 		47 %c.	cash
80,000	bs unw	ashed			 	 	 	 	83 % c.	cash
2,000	bs coar	se fle	ece.		 	 	 	 	87c	cash
15,000	bs com	mon.			 	 	 	 •	. 88c.	eash
40.000	bs mix	ed fle	eces		 	 	 	 .3	8a60c.	cash

#### Poultry, Game, &c.

Article.	Detroit.	New York.
Fowls,	0.5%@ 0.6	0.6 @ 0.7
Geese, Quails, per doz	0.25 @0.37%	
Patridges, per pair, Prairie hens, \$\mathcal{P}\ doz,	2.95 @3.00	0.62 @0.75 3.75 @
Wild Turkeys, \$\mathbb{B}\$ lb, Venison, saddles, \$\mathbb{B}\$ lb,	0.8 @0.10	0.11 @0.12 0.81/2 0.91/2
do Carcase, P lb,	0.3 @ 0.4	0.6 @ 0.7

A slight advance is perceptible in the poultry market, chickens now sell for six cents per pound. The supply is not quite so good as it has been, but still there are enough coming in to supply the demand. Turkeys remain steady at 7 to 8 cents per pound. Game is not so plenty, but prices remain about the same.

#### Seeds.

Article.		Petroit.	New York.		
Timothy,	1.75		2.12	@2.31	
Clover,	4.75	$_{05.25}$	5.25	@6.00	

We note several small sales of clover seed the present week at prices ranging from \$5 to 5.25 per bushel. There is but little offering. There is no change in the eastern market. We note that it begins to be in more demand at Chicago, and is quoted there at \$5.50. Timothy is steady and unchang

#### Miscellaneous.

Article.		Detroit.
White beans,		0.75 @0.80
Potatoes, common mixed		0.48 @0.59
Mercers and Pinkeyes		10.45 @ 0.0 50
Dest winter, in DDIs.		3.25 @3.50
Dried, W Dush,		2.00 60.
Cranberries, & bush,		3.00 @
Eggs,	• • •	0.20 @
Salt, fine,	• • •	1.74 @
	• • •	6.00 @7.00
"Timothy		7 80 000

Eggs have not been very plentiful this week, and keep firm at 16 to 20 cents, with ready sales for all that come

Butter is plenty, and buyers do not give over 16to 17 cents for the very best, and some lots have been sold as low as 12 to 13 cents.

Potatoes are slightly advanced, the best qualities bringing from 48 to 52 cents per bushel, and steady sales for all that come forward.

Apples are unchanged in this market, and our prices ain the same. The supply for the week has been light. We note that green apples are quoted in the Chicago market as worth \$5.00 per bbl for good common varieties. Choice apples sell there at \$6 per bbl.

In Beans there is a decided advance, and some lots have been sold within the week at prices from five to seven cents higher per bushel.

DURNAM & Co., Dealers in all kinds of AgriDeultural Implements, Garden and Field Seeds, Salt
Plaster, Coal, Water and Stone Linue. Storage and Commission. Warehouse near Rail Road depot. Battle Creek
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on the dock,
Detroit, Jan. 14, 1859.

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GLEN BLACK HAWK, 6 years old, jet black, perfectly kind and gentle in the harness, single or double—took the second premium, \$50, at the National Horse Show at Kalamazoo, in October last—is a good traveler, and for style cannot be beat; perfectly sound, and a sure foal getter; will be sold at a bargain. Any one wishing a good stock horse cannot do better than give me a call. Pedigree—Sire Lone Star, dun Messenger. Lone Star was by Vermont or Hill Black Hawk, was a jet black, and sold to a Philadelphia company for \$3,000.

Detroit, January 1859, [15]

FEW AND CHOICE; SEEDS, Hungarian Grass, Egyptian Millet, Chinese Sugar Cane, Rhode Island Premium Corn. Siberian Mexican and Early June Potatocs, Premium Squash, Twelve varieties choice Watermelon, Earth Almond, Evergreen Pea, Husk Tomato, &c., &c., Catalogue sont free. Address,
Nøpoleon, Jackson Co., Mich., Feb. 1859.

Nepoleon, Jackson Co., Mich., Feb. 1859.

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#### TOLEDO NURSERIES

900,000 APPLE TREES, grafted	l this	wi	nter,
2 deliverable in Spring to order, at \$5 pe	1 1000	200	AHOH
30,000 extra fine imported Pear stocks, \$18 t	0 \$20	B	1,000
30,000 " " Angers Quince,	411	B	46
10,000 Mahaleb Cherry,		B	46
10,000 Paradise and Doucain,		部	
20°000 Mazzard Cherry.	4.00		66
300,0000 1 year old Apple trees, by quantity	20,00	鲁	66
In smaller lots	25.00	够	66
100,000 3 to 4 feet Apple trees,	50.00	静	46
100,000 4 to 5 ft, very stocky and handsome,	80.00	够	44
20,000 1 yr Catawba, Isabella, Clinton vines	40.00	38	66
5,000 2 pr " " "	80.00	18	66
20,000 Norway Spruce, about 1 ft, very fine,		W.	66
20,000 Rorwity Sprice, about 11, 1013 mes	60.00	ě	66
20,000 Scotch Fir, 8 to 10 inches,		F	66
5,000 Manetti Rose stocks, strong, \$279100,	50,00	F	66
5,000 Haughton Gooseberries, extra fine,			100
2,000 Balsam Firs, 5 to 7 feet, beautiful,	10.00	F	100
5,000 Scotch Fir, 1 foot, fine,		F	46
5,000 Austrian Pines, 12 to 18 inches,		F	60
1,000 Herbaceous Pesoies, assorted,	18.00	F	44
500 Yucca or Adam's Needle, 2.50 pdoz.	15.00	F	66
1,000 Silver Maples, fine, 6 to 8 feet,	15.00	F	46
10,000 Dwarf Pears,	25.00		**
5,000 " Cherries, extra,		够	1.
10.000 Stand. " "	15.00	P	
2,000 Plum trees, 1 year, fine,	20.00	部	44
with a lurge lot of Currents Respherries: &	lso, or	na	men-
tal trees, shrubs, plants, Peaches, Apricots, N	ectari	ne	s, occ
A. FAHNESTOC	L OC D	17	10.
Toledo, Ohio, Dec. 19, 1858.	- 1	17	1

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Horse (tread) Powers, Pease's Excelsior Powers,
Corn and Cob Mills, Corn Mill and Feed Mills, Flour
Mills, Cross-cut and Circular Saw Mills, Leonard Smith's
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#### SIRLOIN FOR SALE,

With other Thoroughbred Shorthorns. THE SUBSCRIBER offers for sale, the first premium bull Sirloin, a bull call, sired by Sirloin and three thoroughbreed Shorthorn cows, all of the first quality as Breedling Stori-

Broeding Stock.

The bull Sirloin was sired by imported Master Bellville, and was raised by Jacob Pierce of Ohio. He is now five years old, and his stock raised in Ohio and in this State are all considered superior, for their rapid growth, early maturity and quick fattening properties.

This fine stock will be sold on reasonable terms for approved paper, and a liberal time will be given for payment.

nent.
For further particulars, address, L. H. Jones, Dexter.
S. W. DEXTER.
Dexter, November 20, 1858. [7]It

#### THE WILLIS' STUMP PULLER

THE WILLIS' STUMP PULLER

Is the most powerful and most economical machine in use for pulling stumps, and will clear a field in less time than any other invention of a like kind.

Tecenty-three stumps have been pulled with this Machine in an hour and fifteen minutes. The undersigned will sell machines and rights to use and manufacture in any part of Michigan except the counties of Hillsdale, Branch, Wayne, Washtenaw, Jackson, Calhoun, Kalamazoo, Van Buren, Macomb, Genesee, Shiawasse, Saginaw, Tuscola and St. Clair, which are already sold.

All necessary information as to prices, and mode of using, will be given on application to DAVID BLACKMAR, Ypsilantl. or to R. F. JOHNSTONE, Editor Michigan Farmer. The Machines are manufactured at the Detroit Locomotive Works from the best Lake Superior Iron. [3]

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